

RECORD OF PROCEEDINGS  
OF THE  
BOARD OF TRUSTEES  
OF THE  
OHIO STATE UNIVERSITY

COLUMBUS

July 1, 1971 to June 30, 1972

1971-1972

THE OHIO STATE UNIVERSITY

NOVICE G. FAWCETT, *President*

BOARD OF TRUSTEES

	<i>Term Beginning</i>	<i>Term Expiring</i>
ROBERT S. DORSEY, Cincinnati <sup>1</sup>	December 11, 1970	May 13, 1972
FREDERICK R. ECKLEY, Cleveland <sup>2</sup>	May 5, 1969	May 13, 1973
JAMES W. SHOCKNESSY, Columbus	August 2, 1965	May 13, 1974
DON M. HILLIKER, Bellefontaine	January 15, 1967	May 13, 1975
WILLIAM C. SAFFORD, Cincinnati	May 14, 1967	May 13, 1976
JOHN H. DUNLAP, Williamsport	May 14, 1968	May 13, 1977
M. MERLE HARROD, Wapakoneta	September 2, 1969	May 13, 1978
JOHN L. GUSHMAN, Lancaster	December 11, 1970	May 13, 1979
HOWARD D. SIRAK, Columbus	May 19, 1971	May 13, 1980

OFFICERS

JAMES W. SHOCKNESSY, *Chairman*

EDWARD Q. MOULTON, *Secretary*

ERNEST W. LEGGETT, *Treasurer*

<sup>1</sup> Appointed to fill unexpired term of Frederick E. Jones; resigned June 22, 1970.

<sup>2</sup> Appointed to fill unexpired term of Mervin B. France; resigned April 4, 1969.

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND SIXTY-SEVENTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, July 2, 1971

The Board of Trustees met at its regular monthly meeting on Friday, July 2, 1971, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: James W. Shocknessy, Chairman, Don M. Hilliker, William C. Safford, John H. Dunlap, Frederick R. Eckley, M. Merle Harrod, Robert S. Dorsey, John L. Gushman, and Howard R. Sirak.

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Minutes of the last meeting were approved.

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The Chairman, Mr. Shocknessy, introduced the new member of the Board of Trustees of The Ohio State University:

Dr. Howard D. Sirak, who was appointed by Governor John J. Gilligan to succeed Mr. John G. Ketterer, for the term beginning May 14, 1971 and ending May 13, 1980, with appointee taking office May 19, 1971.

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July 2, 1971 meeting, Board of Trustees

REPORT BY CHAIRMAN

Mr. Shocknessy presented the following statements:

A. Introduction of New Member of Board of Trustees

Dr. Howard D. Sirak has been selected by Governor Gilligan as his first appointment to our Board. And if this appointment is representative of what the Governor is likely to do in the future, the augurs for the future are good. I have known Dr. Sirak for a number of years as a physician, as a skilled and compassionate surgeon, as a professor, and as a connoisseur of painting and a renowned patron of the arts. Dr. Sirak as a member of the faculty of this University resigned this position to qualify as a member of this Board, since under State law a member of the faculty of this University may not be appointed to the Board. It is a compliment to our faculty that the Governor has taken someone from the faculty to serve on this Board. Dr. Sirak's service and experience however are not limited to his service and experience as a faculty member. His broad experience is hardly limited at all for a man of his years. But Dr. Sirak does have the kind of experience that we can well use. So, Dr. Sirak, we welcome you to the Board and we hope that you will make all the contributions to the Board which you are very well provided to make and that you will have noble service.

B. Death of Mrs. Robert Lazarus

I want to extend to you Dr. Sirak on behalf of our Board, and to your wife, our sympathy in the loss of her mother, Mrs. Robert Lazarus, whom we have known for many years as a great and gracious lady who lived her life in a large measure for her community. Her memory will be fresh in this community and long respected at this University for her many contributions. Please extend to Mrs. Sirak and Mr. Robert Lazarus, the sympathy of this Board.

C. Resignation of Gordon B. Carson

A man who has given a great service to this University has announced his intention to leave us and take a position of responsibility and honor at a college in another state. I am speaking, of course, of Gordon Carson. We shall miss Gordon Carson for all the things that he has done over the years, including making quicker trips to campus fires than Mayor LaGuardia. Anytime a fire bell has rung on this campus Gordon Carson was there before anyone else. Gordon Carson has looked out for temporalities at this University in a very



July 2, 1971 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

Mr. Shocknessy's statements (continued)

C. Resignation of Gordon B. Carson (continued)

faithful and very effective way. He has handled our finances in such a manner that we consider our finances to be in extraordinarily fine condition. Gordon, you probably will not be with us at the regular meeting in September so I want to extend to you at this time, on behalf of the Board, our best wishes for the future. It is always a bitter-sweet experience to bid somebody goodbye who is going to take another job--bitter for us to lose you--but it is sweet that it is something that you want. We wish you a happy tenure. We ask that you tell your wife that we will miss her, too. Both of you will be missed at the skating rink and I am sure that I will not enjoy the basketball games nearly as much without both of you there.

D. The Ohio State Lantern

As you know I, as well as many of the activities with which I have been associated over the years, have been the beneficiary of support from the press. The press has not always been wholeheartedly in support but almost. At this time I would like to do something that I have not had occasion to do before. I want to commend The Ohio State Lantern for making a correction in the latest issue of an article which the Lantern had written about me in the previous issue. The Lantern serves a very useful purpose to this University and to the community-wide audience. Also I want to commend the Editorial Board and I want to commend the Director because without the Director's good advice the Editorial Board is not likely to have the courage and integrity that an Editorial Board must have. The correction was very satisfactory to me although it did not mention, as the first article had, that I am still a member of the Wilberforce Board nor did it mention that I am presently Chairman of the Board at Mt. Carmel Hospital. It said that I am Chairman of the Nursing School Board of Mt. Carmel Hospital. I don't know whether I am or not but I rather think that as Chairman of the general Board of the Hospital that I am also connected with the Nursing School. Anyhow, I want to make the point that I learned very long ago that public figures should not run for editor, but public figures can be respectful and mindful of the contribution that news media make and I include the Lantern especially at this time.

July 2, 1971 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

E. Appointment to Committees for 1971-1972

Retirement and Insurance Committee

Howard D. Sirak

Development Fund Board of Directors (one-year term)

Howard D. Sirak

The Development Fund Board By-laws require an election.

The Board of Trustees by unanimous voice vote approved the appointments pursuant to the By-laws of the Development Fund Board, which action constituted an election.

F. Report on Consultative Committee to Advise in the Selection of a President

Mr. Shocknessy reported that the membership on this important committee is now complete with the election of the following members:

Faculty Advisory Committee to the President  
and the Board of Trustees

Margaret A. Mordy  
Herbert S. Parnes

Chairman of The Ohio State University  
Development Fund Board

William S. Guthrie

G. Recognition of Speakers

Mr. Shocknessy made the following statement:

At the last meeting I stated that if anyone wished to appear before this Board that a request for such appearance, if it were presented within 48 hours before the meeting, would be entertained. Four such requests have been received prior to this meeting and all four have been granted the opportunity of appearing before this Board. The topics to be discussed by the persons requesting time to speak are: Black Students, Black Studies, and Mr. Charles Ross. We will allow five minutes without interruption to each speaker. If we have any questions, we will ask them of the speaker at the completion of his statement. We

July 2, 1971 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

Mr. Shocknessy's statements (continued)

G. Recognition of Speakers (continued)

are allowing the time prior to the agenda item on personnel matters since the topics indicated by the speakers relate primarily to this item. The four speakers will be called upon at the proper time by the Secretary, Mr. Michael White, Mr. Thomas Johnson, Mr. Bernard Donanberg, and Mr. Marty Cummins. When we come to the appropriate place in the agenda the Secretary will call upon the speakers and will advise each speaker when his allotted time is up.

H. Budget for 1971-1972

Ordinarily at this meeting we vote on a budget. Today we do not have a budget to vote upon but rather we have proposed an action which will carry us over until our appropriation is voted upon by the General Assembly. I mention this fact because it will probably be necessary for the Board to meet later in the month at the call of the Chairman since the Board ordinarily does not meet in August. July 30 is being held tentatively for the special meeting of the Board. The Board will plan to meet on this date if we can be in a position to take action on the budget, but if we cannot adopt a firm budget at that time the Board will have to adopt a provisional budget which will enable the University to carry on its affairs until such a time as an annual budget may be provided.

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July 2, 1971 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of the Taine G. McDougal  
Professorship in Engineering

Pursuant to an action of the Board of Trustees on January 14, 1965, setting forth conditions for the establishment of a "Named Professorship," President Fawcett recommended that the Taine G. McDougal Professorship in Engineering be established.

This professorship will be supported from income on the Taine G. McDougal Endowment Fund which was provided by a gift from Mr. McDougal. The area in which the appointment of the professor is to be made is left to the discretion of the Dean of the College of Engineering.

Upon motion of Mr. Eckley, seconded by Mr. Safford, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

B. Distinguished Service Awards

Serving as a Committee on Distinguished Service Awards, the President's Cabinet has nominated and recommends, for approval by the Board of Trustees, the following-named persons to receive the Distinguished Service Award at the September 3, 1971 Commencement. These awards are given in recognition of distinguished service to The Ohio State University and the awards are in accordance with action taken by the Board of Trustees in 1952.

Ralph L. Boyer  
Grace Fern Heck  
Virgil Overholt

Upon motion of Mr. Hilliker, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing nominations by unanimous voice vote.

C. Creation of Pooled Income Trust Fund  
for The Ohio State University

President Fawcett recommended that the Pooled Income Fund Trust Agreement and Instrument of Transfer (Appendix I, page 101) be substituted for the Pooled Income Fund Trust Agreement and Instrument of Transfer approved by the Board of Trustees on December 4, 1970.

The Pooled Income Fund Trust Agreement and Instrument of Transfer (Appendix I, page 101) creating a Pooled Income Fund for the University are hereby approved and submitted for the instruments previously approved by the Board of Trustees.

July 2, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Creation of Pooled Income Trust Fund  
for The Ohio State University (continued)

The original Trustees of the Pooled Income Fund are authorized to submit the Pooled Income Fund to the Internal Revenue Service for approval, to make such changes in the Pooled Income Fund Trust Agreement and Instrument of Transfer as may in the opinion of the University Counsel be necessary or appropriate to satisfy the requirements of the regulations published by the United States Treasury Department, and to make such modifications of the Instrument of Transfer as may be appropriate to fit particular circumstances.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the Board of Trustees approved the above recommendation by unanimous voice vote.

D. Interim Financing for the Lima Campus  
Technical Education Program

President Fawcett recommended that authorization be provided for The Ohio State University to act as the interim agent and to make the necessary expenditures from funds made available for this purpose from the Ohio Board of Regents to support the technical education program for the Lima Regional Campus for the period July 1, 1971 until the Allen County Technical Institute Board of Trustees fully assumes its administrative responsibility for the Autumn Quarter 1971.

Upon motion of Mr. Harrod, seconded by Mr. Safford, the Board of Trustees approved the above recommendation by unanimous roll call vote.

E. Motor Vehicle, Traffic, Parking,  
Watercraft, and Bicycle Regulations

President Fawcett recommended that the previous actions by the Board relating to the "Motor Vehicle, Traffic, Parking, and Watercraft Regulations" be amended, effective September 1, 1971, so as to provide for:

1. Establishment of a Board of Appeals.
2. Incorporation of regulations relating to the use of bicycles on campus.
3. Modifications in the schedule of parking fees and fines to support the increased costs in operating the program.
4. Revisions in a number of the regulations to reflect organizational changes, clarity, and consistency.

The specific amendments are to be incorporated by reference in Exhibit A and on file with the official records of the Board of Trustees.

Upon motion of Mr. Dorsey, seconded by Dr. Sirak, the Board of Trustees approved the above recommendation by unanimous roll call vote.

July 2, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Degrees and Certificates Conferred--Summer Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Summer Quarter Commencement Convocation on September 3, 1971, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the Faculty Council. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix II, page 111.)

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the Board of Trustees approved the above recommendation by unanimous voice vote.

G. Funding for the Meshulam Riklis Chair in Business and Its Environment

The Foundation for Endowment of a Chair at Ohio State University, Inc., (the "Foundation") has resolved to contribute the net income from corporate bonds having a face value of \$500,000 to the University, through the Development Fund, for the endowment of the Meshulam Riklis Chair in Business and Its Environment. Income to support the Chair will come from the Foundation which now holds bonds with a face value of \$500,000, bearing interest at the rate of 6% per annum.

At the request of the Foundation, and upon recommendation of the Board of Directors of The Ohio State University Development Fund, it is requested that this Board of Trustees approve the appointment of a committee, working with the Dean of the College of Administrative Science and the Provost, to establish the guidelines for the Riklis Chair and begin the search for the first occupant, to be appointed beginning in the fall of 1972 or as soon thereafter as possible.

Upon motion of Dr. Sirak, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

H. Appointment to Board of Overseers for The Academy for Contemporary Problems

As a condition of the Agreement with Battelle Memorial Institute for the operation of The Academy for Contemporary Problems, President Fawcett recommended the appointment of Albert J. Kuhn to fill the vacancy on the Board of Overseers for the operation of the Academy which will be created by the resignation of Provost and Vice President James A. Robinson, effective August 1, 1971.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

July 2, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

I. Interim Expenditure Authorization

President Fawcett made the following statement:

I had hoped to present a proposed budget for the fiscal year 1971-1972 to the Board at this meeting for its consideration. I regret however that I am unable to do so since the level of support to this University has not as yet been established by the 109th General Assembly. Hopefully before the end of this month the Assembly will be able to establish this level of support. Therefore, I am recommending that a special meeting of this Board be called for the purpose of reviewing and approving a University budget for this coming year as soon as the General Assembly has acted on this matter. If, however, this action has not been taken by the Assembly before the end of this month it may be necessary to request your support of a provisional budget prior to the legislative action and at the same time adjust student fee levels since such adjustments very probably will be mandated by the Assembly.

In the meantime I am requesting the requisite authority from the Board to make the necessary interim expenditures within the resources available in support of the continuing activities of this University.

Upon motion of Mr. Eckley, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

J. Insurance and Retirement Program for University Employees

Mr. Gushman presented the following recommendation on behalf of the Retirement and Insurance Committee:

The Retirement and Insurance Committee of the Board of Trustees has consulted with members of the University administration in an effort to improve the post-retirement death benefits with no additional out-of-pocket cost to the University, the faculty or administrative staff, and, furthermore to extend the post-retirement option to continue Life, AD & D, and Major Medical to all qualified employees. As a result of these deliberations and with the agreement of the insurance carrier, it was recommended that the following resolution be adopted:

BE IT RESOLVED, THEREFORE, by the Board of Trustees of The Ohio State University that the self-insured plan of post-retirement benefits for eligible employees of The Ohio State University be revised as follows and as further described in detail in the amended plan as filed with the official records of the Board of Trustees.

July 2, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

J. Insurance and Retirement Program for University Employees (continued)

All faculty, unclassified nonteaching staff employees, classified Civil Service employees and regular permanent hourly employees retiring after October 1, 1971, with a minimum of 10 years of O.S.U. service, and eligible for retirement benefits under any retirement program administered by the State of Ohio, be eligible for the following schedule of post-retirement death benefits.

<u>Full Years of O.S.U. Service at Retirement</u>	<u>Schedule of Post-Retirement Death Benefits</u>
Less than 10 years	0
10 years but less than 15 years	\$1,000
15 years but less than 20 years	1,500
20 years but less than 25 years	2,000
25 years or more	2,500 maximum

A retired employee electing to continue Life and AD & D coverage to age 70 is not eligible for the post-retirement death benefit until age 70 and thereafter.

A retired employee electing not to continue Life and AD & D coverage would be eligible for the post-retirement death benefit if otherwise qualified.

BE IT FURTHER RESOLVED, THEREFORE, by the Board of Trustees of The Ohio State University that the following improvements in the University's insurance program under the John Hancock Mutual Life Insurance Company Contract Number GTC-58175-100 be further amended to include the following benefits:

The current post-retirement option to continue Life, AD & D, and Major Medical to age 70 applicable to faculty and unclassified nonteaching staff employees be extended to include classified Civil Service employees and regular permanent hourly employees.

Upon motion of Mr. Gushman, seconded by Mr. Safford, the foregoing resolution was adopted by unanimous roll call vote.

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Prior to consideration of the Personnel Changes, the following speakers were heard by the Board:

Mr. Michael White, Student, Coordinator of Afro-Am, indicated that the students fully support Charles Ross and called for a full investigation into the procedure of Mr. Ross' dismissal.

Mr. Thomas Johnson, Student, President of the Student Council, College of Humanities, called for a more complete disclosure of the facts surrounding the Charles Ross case.



July 2, 1971 meeting, Board of Trustees

Speakers (continued)

Mr. Bernard Donanberg, Student, Executive Assistant to President of Undergraduate Student Government, presented letters from campus organizations protesting Charles Ross' dismissal.

Mr. Marty Cummins, Student, President Protem of Student Assembly, charged that Charles Ross was inept, incompetent, belligerent, and ineffective and urged the Trustees to support President Fawcett's recommendation.

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## II. PERSONNEL CHANGES

Personnel changes since the June 4, 1971 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Retirement, Resignation, Appointments, Changes of Status, Change of Responsibility, Leave of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles:

### A. Retirement

Dr. John C. Ullery retires as Chairman and Professor of Obstetrics and Gynecology, effective September 30, 1971. Upon the recommendation of Dean Prior, Dr. Ullery assumes the title Professor Emeritus upon his retirement.

### B. Resignation

Gordon B. Carson will resign his position as Vice President for Business and Finance so that he might accept the Executive Vice Presidency of Albion College, Albion, Michigan, effective September 1, 1971.

President Fawcett made the following statement:

Since I was notified of Mr. Carson's decision only this past Wednesday, I have not had sufficient opportunity to determine how I should like to have his responsibilities fulfilled. Because of the important nature of these responsibilities, I believe that it is imperative that a decision be made at an early date. Because the Board will not meet again until September, I am asking that I be delegated the authority to make the necessary realignments and appointments appropriate to the fulfillment of Mr. Carson's current administrative assignments, subject to ratification by the Board at the next regular meeting.

July 2, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Appointments

Robert G. Arns, Vice Provost for Arts and Sciences, effective August 1, 1971, at a salary of \$28,448.00 per annum.

Russel C. Jones, Professor in and Chairman of the Department of Civil Engineering, effective July 1, 1971, at a salary of \$27,048.00 per annum.

D. Changes of Status

John B. Gabel from Professor in the Department of English to Acting Chairman of the Department of English, effective October 1, 1971, at a salary of \$20,088.00 per annum.

John D. Kraus from Professor in the Department of Electrical Engineering to Taine G. McDougal Professor in Engineering, effective July 1, 1971, at a salary of \$29,892.00 per annum.

E. Change of Responsibility

President Fawcett made the following recommendation in relation to the employment of Mr. Charles Ross:

I am following the administrative judgments of Dean Adams and Provost and Vice President Robinson and am not recommending the reappointment of Mr. Charles O. Ross for the Chairmanship of the Black Studies division for the academic year 1971-72, and I have so informed Mr. Ross June 30. Mr. Ross will continue as Associate Professor in the School of Social Work, effective Autumn Quarter, 1971. I have asked Dean Adams to appoint an Acting Chairman as soon as possible and at the same time to initiate a search for a Chairman. It is my sincere hope that I will be able to recommend an appointment for this position by no later than the beginning of Autumn Quarter, 1971.

While this action does not require a special motion, I am asking that a separate vote be taken by the Board in support of my decision on this matter.

Following the presentation of President Fawcett, Mr. Shocknessy indicated that he would entertain a motion applicable only to Item E under Personnel Changes pertaining to the action taken by the President on June 30 with respect to Mr. Charles Ross.

July 2, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. Change of Responsibility (continued)

In making the motion, Mr. Dunlap said, "I made the motion that Mr. Ross be hired on the recommendation of the administration one year ago and while I remain in favor of and support the Black Studies division, I have weighed the evidence presented to us and would like now to move to support the President in his action to remove Mr. Ross." The motion was seconded by Mr. Eckley.

Mr. Hilliker was then recognized by the Chairman and made the following statement,

I have been greatly concerned for some time about the lack of progress of our Black Studies program. In my opinion, this is due solely to the lack of ability and the lack of true dedication to this University on the part of Charles Ross. I realize that what I am saying is not popular to some people in this room. I seriously question the advisability of retaining Charles Ross as an Associate Professor on this campus.

Mr. Hilliker then moved to amend Mr. Dunlap's motion and asked that all contractual agreements between The Ohio State University and Charles Ross be severed at the conclusion of his present one-year contract and that he not be employed as an Associate Professor in the School of Social Work. Mr. Harrod seconded the motion.

Mr. Shocknessy said "We now have before us a motion by Mr. Dunlap seconded by Mr. Eckley to ratify the President's action in not recommending Mr. Charles Ross for Director for the ensuing year. We have also before us an amendment to Mr. Dunlap's motion by Mr. Hilliker to separate Mr. Ross from the University at the conclusion of his present one-year contract."

The Chairman queried the mover of the original motion, Mr. Dunlap, as to whether or not he would accept the amendment and Mr. Dunlap indicated that he would not.

In the absence of discussion, the vote on the amendment was taken. Mr. Hilliker and Mr. Harrod cast affirmative votes and Dr. Sirak, Mr. Gushman, Mr. Dorsey, Mr. Eckley, Mr. Dunlap, Mr. Safford, and Mr. Shocknessy cast negative votes. The Chairman declared the amendment lost with seven negative votes and two affirmative votes.

The call was then made for discussion on the original motion. By a roll call vote the original motion was unanimously approved. In casting his affirmative vote, Mr. Dorsey said

This has been a very difficult personal decision to make as you well know since I am the only Black member on the Board and this issue does directly concern a Black faculty member. I have pored over the evidence including the charges and counter-charges that have been raised in this case and I have come to the conclusion that the hearing

July 2, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. Change of Responsibility (continued)

Mr. Dorsey's statement (continued)

requested by Mr. Ross was conducted fairly. I am also fully satisfied that the administration is dedicated to creating a viable Black Studies program. At this time I want to go on record as saying that I have been fully informed of the facts in this case and that I am in support of the President's recommendation.

F. Leave of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 11, 1954, the following-named person was recommended for Leave of Absence With Salary from the Cooperative Extension Service for the period indicated:

Clair W. Young, Assistant Professor (Assistant State Leader, 4-H), effective July 1, 1971 through August 31, 1971, to participate in a program of professional improvement at The Ohio State University.

G. Leaves of Absence Without Salary

Nicholas Holowaychuk, Professor, Department of Agronomy, effective July 16, 1971 through September 16, 1971, to conduct a soil survey in an area in the Congo, Africa.

Reinhart F. H. Butter, Associate Professor, Division of Design, effective October 1, 1971 through September 30, 1972, for a visiting lectureship in Germany.

Arnold Shapiro, Associate Professor, Department of English, effective October 1, 1971 through September 30, 1972, for a Fulbright Lectureship at the University of Helsinki, Finland.

David Earl Lindsey, Assistant Professor, Department of Economics, effective October 1, 1971 through September 30, 1972, to accept a Visiting Assistant Professorship at Macalester College, St. Paul, Minnesota.

Ana R. Llorens, Assistant Professor, University Library, effective July 1, 1971 through September 30, 1971, to serve as Secondary School Library Consultant in Colombia, South America.

Richard Douglas Porter, Assistant Professor, Department of Economics, effective October 1, 1971 through September 30, 1972, to accept a position with the Board of Governors of the Federal Reserve Bank, Washington, D. C.

July 2, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

G. Leaves of Absence Without Salary (continued)

Gregory A. Briggs, Instructor (County Extension Agent, 4-H), Cooperative Extension Service, effective June 16, 1971 through August 31, 1971, to participate in a program of professional improvement at The Ohio State University.

Lee Chadeayne, Instructor, Department of German, effective October 1, 1971 through September 30, 1972, to accept a one-year guest professorship in Germany.

Shashikala A. Gogate, Instructor, Department of Pathology, effective June 14, 1971 through June 18, 1971, for personal reasons.

Jack E. Hathaway, Instructor, Department of Veterinary Clinical Sciences, effective July 1, 1971 through June 30, 1972, to continue work on his Ph. D. degree.

Jack Henry Kunin, Instructor, Division of the History of Art, effective October 1, 1971 through September 30, 1972, to complete dissertation for Ph. D. degree.

Geraldine Olson, Instructor (Extension Specialist, Family Development), Cooperative Extension Service, effective July 1, 1971 through September 15, 1971, to participate in a program of professional improvement at The Ohio State University.

H. Emeritus Titles

Ralph H. Davidson, Department of Entomology, with the title Professor Emeritus, effective July 1, 1971.

Bernard S. Meyer, Department of Botany, with the title Professor Emeritus, effective September 1, 1971.

Consuelo Wise, College of Dentistry, with the title Professor Emeritus, effective July 1, 1971.

Mr. Shocknessy asked what privileges were granted a member of the faculty in the College of Medicine who is retiring with the title of Professor Emeritus, and specifically whether such a person retains the privilege of practicing within the University Hospitals.

At the President's request, Dr. Meiling responded to this question stating

The constitution and bylaws of the Hospital provide for positions as honorary staff members. The honorary staff are appointed each

July 2, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

Dr. Meiling's statement (continued)

year the same as the attending staff, the courtesy staff, and the limited staff upon the recommendation of the Chief of the Clinical Division in which they are extended these privileges, which includes the admission and attending of patients. At the present time we have extended this to members of the faculty who hold emeritus professorships; we have extended it to members of the faculty who have national, state, or local reputations professionally, and they are granted the privilege of admitting patients the same as other members of the staff. The attending staff, however, have priority on admitting and attending of patients because they also have a teaching responsibility.

Mr. Shocknessy then asked whether Dr. Ullery, as a Professor Emeritus, would be permitted to admit and to attend patients in University Hospital or whether he would have to be named to honorary staff membership.

Dr. Meiling responded that Dr. Ullery would have to be named to the honorary staff in order to admit and to attend patients.

Mr. Shocknessy also inquired as to whether Emeriti receive office space.

Dr. Meiling stated that office space is provided to Emeriti on an availability basis which is usually shared space. Further, he stated that presently no Emeriti are assigned office space in the University Hospitals but some office space is available in other facilities including the Basic Medical Science Building, Starling-Loving Hall, and Hamilton Hall.

President Fawcett recommended that the Retirement, Resignation, Appointments, Changes of Status, Leave of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the official "Salary Roll" of the University be approved.

Upon motion of Mr. Eckley, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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July 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

SUMMARY  
May 15, 1971 - June 11, 1971

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	10	\$ 704, 198. 00
Industrial and Other Research	4	22, 851. 00
<u>Grants</u>		
Government Research - Federal	27	1, 025, 267. 00
Industrial and Other Research	4	66, 215. 76
Totals	45	\$1, 818, 531. 76

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

1. Government Research Contracts - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Hazards of Experimental Leukemia Research (to be known as Project No. 2049 - Mod. #1 - Department of Veterinary Pathology). Gross Value - \$25, 370. 00.
- b. Department of Air Force, Air Force Systems Command, Air Force Systems Division, Wright-Patterson Air Force Base, Ohio, Research on Intrinsic Surface Properties and Their Relation to the Mechanical Behavior of Metals and Alloys (to be known as Project No. 2726 - Mod. #P00005 - Department of Metallurgical Engineering). Gross Value - \$865. 00.
- c. U. S. Department of Labor, Manpower Administration, Washington, D. C., National Longitudinal Studies of the Labor Force Behavior of National Samples of Men (45-59), Women (30-44), and Male and Female Youth (14-24) (to be known as Project No. 3038-A1 - Mod. #2 - Department of Economics). Gross Value - \$407, 698. 00.
- d. Department of Navy, Office of Naval Research, Arlington, Virginia, Physical Fitness Training (to be known as Project No. 3039-A1 - Mod. #2 - School of Health, Physical Education and Recreation). Gross Value - \$20, 336. 00.

July 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- e. Department of Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Program to Apply the Gas Diagnostics in the AFFDL (Air Force Flight Dynamics Laboratory) (to be known as Project No. 3040-A1 - Mod. #P00004 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$25,602.00.
- f. Department of Air Force, Air Force Systems Command, Aeronautical Systems Division, Wright-Patterson Air Force Base, Ohio, Investigation of the Properties of Gas Flows in Variable Area Ducts with Heat Addition (to be known as Project No. 3066-A1 - Mod. #P00001 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$1,604.00.
- g. Department of Army, New York Procurement Agency, New York, New York, Low-Resolution Small-Unit Model (LORSUM) (to be known as Project No. 3217-A1 - New - Department of Industrial Engineering).  
Gross Value - \$75,075.00.
- h. Department of Navy, Naval Air Systems Command, Washington, D. C., Adaptive Antenna Arrays for Aircraft Communications (to be known as Project No. 3234-A1 - New - Department of Electrical Engineering).  
Gross Value - \$49,987.00.
- i. Department of Health, Education and Welfare, Office of Education, Contracts and Grants Division, Washington, D. C., Problems in Financing Inner City Schools (to be known as Project No. 3237-A1 - New - College of Education).  
Gross Value - \$19,323.00.
- j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Studies on the Ability of Stored Blood to Transport Oxygen In Vivo (to be known as Project No. 3244-A1 - New - Department of Medicine).  
Gross Value - \$78,338.00.

TOTAL - Government Research Contracts - Federal \$704,198.00

2. Industrial and Other Research Contracts

- a. University of Dayton, Research Institute, Dayton, Ohio, Consulting Services Under the Supervision of Dr. Rudolph Edse (to be known as Project No. 3017-A1 - Sponsor Telegram Dated 5/4/71 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$1,000.00.



July 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

2. Industrial and Other Research Contracts (continued)

- b. The Boeing Company, Wichita Division, Wichita, Kansas, Study of Induced Transient Current Distributions (to be known as Project No. 3226-A1 - New - Department of Electrical Engineering).  
Gross Value - \$10,000.00.
- c. The Columbus Dental Manufacturing Co., Columbus, Ohio, Clinical Studies on Utilization of Dental Materials and Devices (to be known as Project No. 3249-A1 - New - College of Dentistry).  
Gross Value - \$9,451.00.
- d. Pfizer Agricultural Division, Development Research Department, Terre Haute, Indiana, Broiler Feeding - Terramycin Experiment (to be known as Project No. 3250-A1 - New - Department of Poultry Science).  
Gross Value - \$2,400.00.

TOTAL - Industrial and Other Research Contracts \$22,851.00

3. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center (to be known as Project No. 1196-2K - Rev. Award Dated 4/29/71 - Department of Medicine).  
Gross Value - \$2,341.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center (to be known as Project No. 1196-3K - Rev. Award Dated 4/29/71 - Department of Medicine).  
Gross Value - \$2,270.00.
- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Center for Air Pollution Control, Bethesda, Maryland, Mechanisms of Photochemically Initiated Oxidations (to be known as Project No. 1220-K - Rev. Award Dated 5/19/71 - Department of Chemistry).  
Gross Value - \$8,568.00.
- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Chemical Studies of Stimulated Retina (to be known as Project No. 1575-H - Ext. #8 - Department of Biochemistry).  
Gross Value - \$52,174.00.

July 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- e. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Psychotropic Drugs and Phenotypical Behaviors (to be known as Project No. 1653-G - Ext. #7 - College of Pharmacy).  
Gross Value - \$18,803.00.
- f. Department of Health, Education and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, Hydrophilic Colloid Interactions in Foods (to be known as Project No. 2037-F - Ext. #6 - Department of Food Science and Nutrition).  
Gross Value - \$26,710.00.
- g. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Biochemistry of Nitrosourea Induced Brain Tumors (to be known as Project No. 2069-F - Ext. #6 - Department of Medicine).  
Gross Value - \$35,239.00.
- h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Determination of Protein Aggregation Equilibria (to be known as Project No. 2379-B - NIH Notice Dated 4/23/71 - Department of Chemistry).  
Gross Value - \$9,640.00.
- i. National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Millimeter-Wavelengths Propagation Studies (to be known as Project No. 2374 - Sup. #5 - Department of Electrical Engineering).  
Gross Value - \$30,000.00.
- j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart Institute, Bethesda, Maryland, A Core Facility for a Cardiovascular Research Program (to be known as Project No. 2507-C - Rev. Award Dated 5/14/71 - Department of Medicine).  
Gross Value - \$3,523.00.
- k. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Taxonomic Study of Cariogenic Bacteria (to be known as Project No. 2625-B - Ext. #2 - College of Dentistry).  
Gross Value - \$80,795.00.

July 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- l. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, Psychophysiology and Psychosomatic Medicine in the USSR (to be known as Project No. 2670-B - Sup. #11 - Department of Psychiatry).  
Gross Value - \$4,554.00.
- m. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Neurophysiology of Corneal Receptive Fields (to be known as Project No. 2774-B - Ext. #2 - College of Optometry).  
Gross Value - \$16,091.00.
- n. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Advisory Council on Education for Health Professions, Bethesda, Maryland, Computer-Assisted Independent Study: A Pilot Program (to be known as Project No. 2835-B - Ext. #2 - Department of Medicine).  
Gross Value - \$254,105.00.
- o. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Interactions of Tetracyclines Using Optical Probes (to be known as Project No. 2843-B - Ext. #2 - College of Pharmacy).  
Gross Value - \$17,664.00.
- p. Department of Health, Education and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, Antimicrobial Properties of Bovine Milk Serum (to be known as Project No. 2877-B - Ext. #2 - Department of Food Science and Nutrition).  
Gross Value - \$18,347.00.
- q. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Diagnosis and Control of Mammalian Nosemiasis (to be known as Project No. 3042-A2 - Ext. #1 - Department of Veterinary Pathology).  
Gross Value - \$26,982.00.
- r. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Verbal Learning Conference (to be known as Project No. 3058-A2 - Ext. #1 - Department of Psychology).  
Gross Value - \$7,225.00.

July 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- s. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Blood Estradiol Levels for Assessment of Fetal Status (to be known as Project No. 3073-A2 - Ext. #1 - Department of Obstetrics and Gynecology).  
Gross Value - \$28,315.00.
- t. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Chronic Chlorpromazine Administration to Macacus Rhesus (to be known as Project No. 3075-A2 - Ext. #1 - Department of Medicine).  
Gross Value - \$28,168.00.
- u. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, In Vivo Effects of Histidase (to be known as Project No. 3079-A2 - Ext. #1 - Department of Food Science and Nutrition).  
Gross Value - \$38,343.00.
- v. National Science Foundation, Washington, D. C., Transition Probabilities and Other Parameters for Atoms and Molecules of Astrophysical Interest (to be known as Project No. 3245-A1 - New - Department of Astronomy).  
Gross Value - \$25,500.00.
- w. Department of Health, Education and Welfare, Social Security Administration, Washington, D. C., Disability in the United States (to be known as Project No. 3246-A1 - New - College of Law).  
Gross Value - \$42,439.00.
- x. Department of Health, Education and Welfare, Office of Education, Contracts and Grants Division, Washington, D. C., A Proposal for the Establishment of a Midwest Center and Institute for Equal Educational Opportunities at The Ohio State University, Columbus, Ohio (to be known as Project No. 3247-A1 - New - College of Education).  
Gross Value - \$124,596.00.
- y. National Science Foundation, Washington, D. C., Development of a New Geochronometer Based on the Decay of  $\text{Lu}^{176}$  to  $\text{Hf}^{176}$  in Rocks and Minerals (to be known as Project No. 3254-A1 - New - Department of Geology).  
Gross Value - \$15,700.00.

July 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

z. National Science Foundation, Washington, D. C., Metallic Implant Materials (to be known as Project No. 3255-A1 - New - Department of Metallurgical Engineering).  
Gross Value - \$100,000.00.

aa. Department of Health, Education and Welfare, Social Security Administration, Washington, D. C., Variations in Prescription Markups-on-Retail (to be known as Project No. 3257-A1 - New - College of Pharmacy).  
Gross Value - \$7,175.00.

TOTAL - Government Research Grants - Federal \$1,025,267.00

4. Industrial and Other Research Grants

a. National Tuberculosis and Respiratory Disease Association, New York, New York, Lipids of Mycobacteriophages: Separation and Identification (to be known as Project No. 3010-A1 - Sponsor Letter Dated 3/3/71 - Department of Medical Microbiology).  
Gross Value - \$28,315.00.

b. American Heart Association, Inc., New York, New York, Blood Oxygen Transport in Hemoglobinopathies (to be known as Project No. 3243-A1 - New - Department of Medicine).  
Gross Value - \$13,970.00.

c. American Cancer Society - Milwaukee Division, Milwaukee, Wisconsin, The Biochemical Genetics of Morphogenesis and Birth Defects (to be known as Project No. 3251-A1 - New - Department of Biochemistry).  
Gross Value - \$499.76.

d. Environmental Protection Agency, Water Quality Office, Washington, D. C., Pesticide Movement from Cropland Into Lake Erie (to be known as Project No. 3256-A1 - New - Department of Entomology).  
Gross Value - \$23,431.00.

TOTAL - Industrial and Other Research Grants \$66,215.76

Upon motion of Mr. Harrod, seconded by Mr. Eckley, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

July 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

B. The Report of the Research Contract  
from the Engineering Experiment Station

SUMMARY

	No. of Projects	Gross Value
Government Research Contract	1	\$12,416.00

During the period from May 15, 1971 through June 14, 1971, the Engineering Experiment Station of The Ohio State University entered into the following research contract. This research contract was reported to the Board of Trustees for information and the record.

1. Government Research Contract

EES 388X      Field Testing of Pavement Thickness Gage, Ohio  
Department of Highways, Columbus, Ohio.  
Gross Value - \$12,416.00.

C. Authorization to Execute Agreement Between The Ohio State University  
and the Marion County Technical Institute at Marion

In response to a clearly identified need for technical education programs in the Marion, Ohio, area, the Ohio Board of Regents has authorized the creation of the Marion County Technical Institute District. The authorization for state universities to establish technical education programs in cooperation with technical institutes organized under the laws of Ohio, is in harmony with action taken by the 107th General Assembly, Section 3357.09 of the Ohio Revised Code.

President Fawcett recommended therefore that the President of the University be authorized to sign an agreement between The Ohio State University and the Marion County Technical Institute to provide for technical education programs on the Marion Campus of the University, to begin with the Autumn Quarter, 1971.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the Board of Trustees approved the above recommendation by unanimous roll call vote.

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July 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since June 4, 1971, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

SUMMARY

Administered Through the Office of Business and Finance	\$4,140,976.93
Received Through The Ohio State University Development Fund	87,886.11

A. Administered Through the Office of Business and Finance

1. \$1,988,004.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "A Comprehensive Career Education Model - The Center for Research and Leadership Development in Vocational and Technical Education," under the direction of the Center for Vocational and Technical Education, for the period June 15, 1971 through June 30, 1972. (Grant No. OEG-3-7-000158-2037, Revision No. 15)
2. \$653,400.00 granted by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C. 20202, to the University for the NDEA Title IV Graduate Fellowship Program, for the period September 1, 1971 through August 31, 1972. (Award No. 437-003090)
3. \$353,137.00 granted by U. S. Department of Agriculture, Consumer and Marketing Service, Administrative Services Division, Procurement and Equipment Branch, Washington, D. C. 20250, to the University for the development of a training course and conducting classroom instruction for non-professional meat processing inspector trainees under the direction of the Departments of Veterinary Preventive Medicine and Animal Science, for the period July 1, 1971 through June 30, 1972. (Contract No. 12-25-400-64)
4. \$240,086.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "Preparing Leadership Personnel in School Psychology," under the direction of the Graduate School, for the period extending through August 31, 1972. (Grant No. OEG-0-70-4214, Revision No. 3)
5. \$92,718.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatry - Basic Residency," under the direction of the Department of Psychiatry, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 MH08458-08)

July 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

6. \$91,440.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Parasitology and Medical Entomology," under the direction of the Department of Entomology - Acarology Laboratory, for the period July 1, 1971 through June 30, 1972. (Grant No. 2 T01 A100216-11)
7. \$89,616.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Preventive Medicine Curriculum Administration," under the direction of the Department of Preventive Medicine, for the period July 1, 1971 through June 30, 1972. (Grant No. 2 D04 AH 0111-01)
8. \$72,466.33 granted by U. S. Department of the Interior, Environmental Protection Agency, Washington, D. C. 20242, to the University for "Multidisciplinary Training in Water Pollution Control," under the direction of the Water Resources Center, for the period July 1, 1971 through June 30, 1972. (Grant No. 5P1-WP-219-03)
9. \$65,813.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Region V, Chicago, Illinois, to the University for "Mental Retardation Training Program - Core Group," under the direction of the College of Medicine, for the period August 1, 1971 through July 31, 1972. (Grant No. 55-P-25013/5-05)
10. \$52,228.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Graduate Preparation for Leadership Positions in Child Health Services," under the direction of the School of Nursing, for the period June 1, 1971 through May 31, 1972. (Grant No. 5 D10 NU 00429-02)
11. \$45,971.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Dental Auxiliary Utilization Training," under the direction of the College of Dentistry, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 D06 DH05044-10)
12. \$45,000.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training in Expanded Auxiliary Management," under the direction of the College of Dentistry, for the period July 1, 1971 through June 30, 1972. (Grant No. 1 D11 DH08008-01)
13. \$44,920.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Training Grant in Endocrinology and Metabolism," under the direction of the Department of Medicine, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 AN05118-15)



July 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

14. \$43,701.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Undergraduate Psychiatry - Training Grant," under the direction of the Department of Psychiatry, for the period July 1, 1971 through June 30, 1972. (Grant No. T02 MH05924-21)
15. \$41,239.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Psychiatry Child - Training Grant," under the direction of the Department of Psychiatry, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 MH11296-04)
16. \$40,124.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Social Work - Corrections," under the direction of the School of Social Work, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 MH08254-09)
17. \$36,525.60 granted by State of Ohio, Department of Education, Columbus, Ohio, to the University for "EPDA Program - Industrial Arts Education," for the Summer 1971.
18. \$32,834.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Social Psychology," under the direction of the Department of Psychology, for the period July 1, 1971 through June 30, 1972. (Grant No. 1 T01 MH12349-01)
19. \$30,000.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C. 20202, to the University for "In-Service Program in Reading/Language Arts," under the direction of the College of Education, for the period extending through December 31, 1972. (Grant No. OEG-0-70-2057, Revision No. 3)
20. \$27,713.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Energy Conversion in Primary Bio-Photoprocesses," for a Development Award - Research Career Program, under the direction of the Department of Physics, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 K03 GM21946-08)
21. \$16,776.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Clinical Psychology - Training Grant," under the direction of the Department of Psychiatry, for the period July 1, 1971 through June 30, 1972. (Grant No. 2 T01 MH10778-05)

July 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

22. \$15,188.00 granted by Ohio Nursing Home Association, Columbus, Ohio, to the University for "Education Program for Ohio Provisionally Licensed Nursing Home Administrators," under the direction of the College of Administrative Science - Division of Continuing Education, for the Summer 1971.
23. \$11,999.00 granted by State of Ohio, Department of Education, Columbus, Ohio to the University for "1971 Advanced Workshop in Drivers Education," under the direction of the College of Education, for the Summer 1971.
24. \$5,540.00 granted by The Ford Foundation, New York, New York, 10017, to the University for "Black Student Doctoral Fellowship," under the direction of the Graduate School, for the year 1971-1972. (Project No. 719-0021)
25. \$2,951.00 additional grant by the National Science Foundation, Washington, D. C. 20550, to the University for the Graduate Traineeship Program under the direction of the Graduate School. (Grant No. GZ-1288, Amendment No. 1)
26. \$1,000.00 granted by The Supreme Council 33<sup>o</sup> A. A. Scottish Rite, Lexington, Massachusetts 02173, to the University for the renewal of the Leon M. Abbott scholarship in the Ohio State's School of Journalism for the 1971-1972 academic year.
27. \$587.00 additional grant by National Endowment for the Humanities, Washington, D. C. 20506, to the University for support of the Latin Institute to Prepare The Columbus Latin Reader for publication and implementation in the schools, under the direction of the Department of Classics, for the period March 1, 1970 through May 31, 1971. (Grant No. EO-119-70-4160)

TOTAL - Administered Through the Office of Business and Finance  
\$4,140,976.93

B. Received Through The Ohio State University Development Fund

1. \$15,000.00 from Leo Yassenoff, Columbus, Ohio, as an undesignated gift to the University.
2. \$13,886.11 from The Associates of Medicine, Columbus, Ohio, for the Department of Medicine General Fund.
3. \$12,000.00 from Ohio Turfgrass Foundation, Columbus, Ohio, for research.

July 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

4. \$10,000.00 from The Bremer Foundation, Youngstown, Ohio, for its research fund.
5. \$7,000.00 from Lybrand Foundation, Columbus, Ohio--\$5,000.00 to support one or more Ph. D. candidates in the field of Accounting and \$2,000.00 as an unrestricted gift to the College of Administrative Science - Academic Faculty of Accounting or the Chairman of the Accounting Academic Faculty.
6. \$5,000.00 from A. Earl Cullum, Jr., & Associates, Dallas, Texas, for the ElectroScience Laboratory Director's Fund.
7. \$5,000.00 from The Duriron Company, Inc., Dayton, Ohio, for the Duriron Professorship in Metallurgical Engineering.
8. \$5,000.00 from Mrs. Alfred J. Kobachker, Los Angeles, California, to establish a loan fund with preference for students in the College of Arts.
9. \$5,000.00 from Pharmacia Laboratories, Inc., Piscataway, New Jersey, for gastroenterology research.
10. \$5,000.00 from Union Carbide Corporation, New York, New York, for its fellowship in Welding Engineering.
11. \$5,000.00 from Union Carbide Corporation, South Charleston, West Virginia, for its fellowship in Chemical Engineering.

TOTAL - Received Through The Ohio State University Development Fund  
\$87,886.11

Upon motion of Mr. Safford, seconded by Mr. Eckley, the acceptance of the foregoing grants and gifts was approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

C. Report from The Ohio State University Development Fund

In May, 1971, the Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	4,408	\$120,057.24
Individuals Other than Alumni	143	57,763.59
Business Concerns	62	65,155.50
Foundations and Nonprofit Organizations	40	40,487.87
	<u>4,653</u>	<u>\$283,464.20</u>

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July 2, 1971 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS

A. Transfer of Earned Indirect Costs

President Fawcett reported that in accordance with the policy previously adopted by the Board, earned indirect costs were transferred to Account 149999, University Treasurer General Fund.

Administrative expenses, operation and maintenance of physical plant, library expenses, use allowances, and other indirect costs on grants and contracts of National Science Foundation; U. S. Department of Health, Education, and Welfare; other Federal Agencies; State of Ohio; Corporate and other organizations for fiscal year 1970-71.

National Science Foundation

310059	Geology	Sweet and Bates	\$ 6,822.86
310093	Education	Schlessinger	5,467.76
310101	Education	Mayer	701.96
310105	Pharmacy	Malspies	83.14
310106	Physics	Riley	561.55
310107	Geology	Mayer	314.14
310113	Geography	King	736.85
310114	Computer and Information Science	Kerr	1,255.82
310115	Education	Mayer	2,150.50
310116	Mathematics	Riner	4,336.60
310117	Geology	Spieker	1,773.28
310118	Mathematics	Brown	3,304.00
310119	Engineering	Yarrington	1,675.73
310122	Chemistry	Ouellette	926.66
310124	Pharmacy	Malspies	1,174.00
310125	Physics	Riley	225.65

Total National Science Foundation \$ 31,510.50

U. S. Department of Health, Education and Welfare

320258	NIH - Pharmacy - LaPidus	\$ 1,442.34
320260	NIH - Physics - Nelson	1,640.68
320261	NIH - Psychiatry - Gregory	3,217.29
320262	NIH - Psychiatry - Gregory	6,800.00
320263	NIH - School of Nursing - King	2,443.63
320265	NIH - School of Social Work - Medhurst	1,486.19
320266	NIH - Dentistry - Davalaris	2,000.16
320267	NIH - School of Social Work - Medhurst	2,620.72
320269	NIH - Veterinary Pathology - Cole	9,580.42
320270	NIH - Medicine - Warren	5,154.85
320271	NIH - Medicine - Balcerzak	2,518.81
320272	NIH - Medicine - Weissler	3,940.33
320274	NIH - Obstetrics and Gynecology - Ullery	3,945.75
320275	NIH - Entomology - Wharton	3,641.46
320276	NIH - Psychology - Wickens	2,016.80

July 2, 1971 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

U. S. Department of Health, Education and Welfare (continued)

320277	NIH - Pathology - Cerilli	\$ 3,658.20
320278	NIH - Dentistry - Rosen	1,745.71
320279	NIH - Pharmacology - Hollander	1,500.27
320280	NIH - Physiology - Little	1,286.90
320281	NIH - Ophthalmology - Makley	3,974.86
320283	NIH - Surgery - Zollinger	7,010.38
320284	NIH - Otolaryngology - Saunders	8,284.96
320285	NIH - Medicine - Allen	3,832.62
320286	NIH - Medicine - Wooley	2,182.59
320287	NIH - Dentistry - Trippy	4,638.16
320288	NIH - Veterinary Physiology and Pharmacology - Hamlin	1,367.70
320289	NIH - Industrial Engineering - Rockwell	2,916.55
320290	NIH - Psychiatry - Marks	897.16
320292	NIH - Medicine - George	2,026.88
320293	NIH - Pathology - Gruemer	723.87
320294	NIH - School of Social Work - Medhurst	2,201.11
320295	NIH - Preventive Medicine - Shillito	4,378.59
320296	NIH - Psychology - Meyer	1,656.11
320297	NIH - Psychology - Siegel	4,478.82
320298	NIH - Psychiatry - Coddington	2,572.86
320299	NIH - Surgery - Hunt	4,089.80
320300	NIH - Psychiatry - Gregory	4,400.00
320301	NIH - Medicine - Skillman	3,392.25
320302	NIH - School of Social Work - Medhurst	629.68
320305	NIH - Psychology - Meyer	1,334.20
320314	NIH - Medical Microbiology - Bowman	1,640.94
320317	NIH - Medicine - Warren	1,633.47
320318	NIH - Veterinary Physiology and Pharmacology - Hamlin	2,136.20
330057	Children's Bureau - Mental Retardation Program - Gibson	28,372.08
330066	PHS - Preventive Medicine - Keller	3,500.00
330082	PHS - Dentistry - Zacherl	3,685.23
330084	Children's Bureau - School of Social Work - Medhurst	6,265.45
330085	PHS - College of Medicine - Andrews	170,209.52
330086	PHS - Medicine - Balcerzak	840.00
330089	PHS - Mental Retardation Program - Gibson	4,621.69
330092	PHS - Preventive Medicine - Keller	3,840.00
330093	PHS - Surgery - Vasko	5,414.09
330095	RSA - Sociology - Nagi	1,361.10
330096	RSA - Speech - Black	590.88
330097	PHS - School of Nursing - King	3,063.69
330098	RSA - Physical Medicine - Nagi	11,823.81
330099	RSA - School of Allied Medical Professions - Locher	1,087.59
330100	RSA - Physical Medicine - Johnson	7,126.92

July 2, 1971 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

U. S. Department of Health, Education and Welfare (continued)

330101	RSA - School of Allied Medical Professions - Woods	\$ 108.97
330103	PHS - Dentistry - Zacherl	5,962.69
330107	PHS - School of Nursing - Hickey	3,289.35
340065	OE - Center for Vocational and Technical Education - Taylor	215,182.41
340105	OE - Education - Stufflebeam	1,556.00
340106	OE - Slavic Languages - Twarog	7,650.31
340109	OE - Education - Dowling	5,782.08
340110	OE - Main Library - Branscomb	10.00
340111	OE - Center for Vocational and Technical Education - Miller	1,554.87
340118	OE - Center for Vocational and Technical Education - Taylor	33,872.73
340120	OE - Slavic Languages - Twarog	<u>3,288.32</u>
Total U. S. Department of Health, Education and Welfare		<u>\$663,100.05</u>

U. S. Government - Other

340066	HUD - School of Architecture - Stollman	\$ 4.04
390014	AID - India - Engineering	1,885.39
390020	AID - Brazil - Agriculture	5,249.58
390028	AID - India - Education (Prior Years)	(510.50)
390034	AID - India - Agriculture	11,161.74
390035	AID - India - Agriculture	12,644.32
390041	AID - Africa - Agriculture	454.59
390044	AID - Administrative Science - Hurley (Prior Years)	(3,524.26)
390052	AID - Administrative Science - Hurley	1,038.14
390059	HUD - School of Architecture - Gerckens	27.12
390063	USDA - Veterinary Medicine	10,863.93
390069	WPCA - School of Natural Resources - Dambach	1,840.16
390070	NASA - Administrative Science - Hurley	904.11
390071	Wright-Patterson Graduate Center	10,221.04
390073	DOT - Industrial Engineering - Rockwell	4,548.39
390075	NEH - Classics - Cleary	899.18
390077	DOT - Center for Vocational and Technical Education - Miller	<u>6,874.70</u>
Total U. S. Government - Other		<u>\$ 64,581.67</u>

July 2, 1971 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

A. Transfer of Earned Indirect Costs (continued)

Miscellaneous

410003	State Department of Health - Medicine	\$ 1,169.81
410074	State Department of Education - Dowling	15,701.01
410079	State Department of Education - Jenkins	2,419.30
410096	State Department of Education - Lux	5,057.60
410097	State Department of Education - Dowling	1,034.00
410099	State Library Board - Sisson	401.07
531095	Ford Foundation - Nelson	780.00
531134	Sloan Foundation - Chemistry - Gassman	39.13
531163	P.A.S. Malaysia - Agriculture	2,890.16
531170	University of Alabama - Hurley	4,352.27

Total Miscellaneous	\$ 33,844.35
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Grand Total	<u>\$793,036.57</u>
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B. Transfers to Plant Funds

President Fawcett reported for information and the record that during the fiscal year 1970-71, the following transfers were made from current funds to plant funds:

<u>Account Description</u>	<u>B/A</u>	<u>Transferred from B/A</u>	<u>Amount</u>
Residence Halls - North	801037	998295	\$ 53,976.00
Ohio Union - South Wing	801039	149993	(344.58)
Sisson Hall Repairs	801061	149993	(119.60)
Curl Drive	801062	921300	(1,490.80)
Student Health Center	801066	149999	(1,370.15)
Service Center - Print Shop	801074	149999	(30,863.66)
Graduate Swimming Pool	801080	998295	200,000.00
Undergraduate Library	801095	149999	(111,000.00)
University College - Bldg. No. 3	801145	126036	(188,000.00)
Van de Graaff Laboratory	801148	149999	(163.71)
Power Plant - Boiler No. 3	801149	149999	(11,205.52)
Marion Library	801151	149999	(.22)
Main Library Elevator	801152	149999	(2,360.64)
Agricultural Administration Bldg.	801153	149999	(1,274.19)
Power Plant Elevator	801155	149999	(2,278.16)
Derby Hall - Computer Facility	801158	126033	8,804.00
Horticulture Greenhouse Utilities	801159	149999	(929.85)
Plastic Greenhouses	801160	522459	(230.64)

July 2, 1971 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

B. Transfers to Plant Funds (continued)

<u>Account Description</u>	<u>B/A</u>	<u>Transferred from B/A</u>	<u>Amount</u>
Physical Education Building -			
Remodeling	801161	149997	\$ 16,000.00
Garage and Laundry Remodeling	801163	149999	(3.29)
Brown Hall Remodeling	801165	149997	35,520.00
Lord Hall Remodeling	801166	149993	484.52
Denney Hall Remodeling	801167	149999	(377.78)
Haskett Hall Remodeling	801168	149999	(3,724.98)
Mendenhall Remodeling	801169	149999	(9,777.00)
Welding Engineering Building			
Remodeling	801170	149999	(7,950.00)
Systems Engineering Building			
Remodeling	801172	149999	(692.65)
School of Allied Medical			
Professions Building	801173	149993	(37,500.00)
River Union and Drama			
Facility	801176	149998	404,000.00
McPherson Laboratory			
Remodeling	801177	149999	(12,637.62)
Power Plant - Boiler No. 9	801178	149999	(15,716.20)
Administration Building -			
Remodeling	801180	149999	(2,282.39)
Cockins Hall Remodeling	801181	149997	44,899.00
Neil-17th Building Remodeling	801182	149993	(108.00)
Goss Laboratory Remodeling	801183	125908	98,190.00
Main Library Remodeling	801187	149999	(200.00)
Hamilton Hall Remodeling	801189	149999	(200.00)
Hospital Air Conditioning -			
Phase III	801190	960200	449.80
Administration Building -			
Remodeling	801191	149993	(8,000.00)
Veterinary Clinic and Animal			
Hospital	801192	122999	8,000.00
		129290	29,000.00
		149997	32,338.00
		522404	5,000.00
		531041	36,878.00
Means Hall Remodeling	801193	960200	(56.00)
Lima Entranceway	801194	149994	(3,504.06)
Pedestrian Bridge	801197	921300	(473.23)
Hospital Air Conditioning -			
South Corridor	801198	960200	3,252.46
Starling Loving Remodeling	801199	960200	10,724.71
South Dormitories - Telephone			
Ducts	801201	124358	(4,586.45)
Newark Parking Lot	801204	149994	(7,979.48)
Caldwell Laboratory			
Remodeling	801206	131400	1,346.21



July 2, 1971 meeting, Board of Trustees

V. APPROPRIATION AND TRANSFER OF FUNDS (continued)

B. Transfers to Plant Funds (continued)

<u>Account Description</u>	<u>B/A</u>	<u>Transferred from B/A</u>	<u>Amount</u>
Civil and Aeronautical Engineering Building Remodeling	801209	149999	\$ (2,330.00)
Sisson Hall Remodeling	801212	129290	74,047.00
		149996	46,638.00
Hospital Chilled Water System	801228	960200	1,056,514.00
Optometry Building Addition	801230	156400	100,000.00
		212982	374.00
		213654	859.00
		216846	2,316.00
		525260	21,451.00
Derby Hall Remodeling	801231	129050	(2,000.00)
		149997	21,468.00
Alumni House Remodeling	801232	149997	38,718.00
Student Services Building Remodeling	801233	149997	37,751.00
Lord Hall Remodeling	801234	129050	(1,500.00)
		149997	28,753.00
Page Hall Remodeling	801235	130700	5,960.00
		149997	22,500.00
Main Library Air Conditioning	801236	134400	5,000.00
		149996	20,000.00
Arps Hall Remodeling	801237	149997	744.00
		152400	700.00
Security Improvements	801238	124358	23,975.70
		129430	7,500.00
WOSU-TV Expansion	801239	134400	20,000.00
		149997	180,000.00
Lima Parking Improvement	801242	921353	40,498.00
Brown Hall Remodeling	801243	149996	27,000.00
Optometry Building Air Conditioning	801244	156400	30,261.00
		330026	50,000.00
Systems Engineering Building Remodeling	801245	149996	22,564.00
Lima Multi-Use Recreation Court	801246	149994	26,000.00
Total			<u>\$2,427,223.55</u>

July 2, 1971 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Business and Finance, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following project be approved by the Board of Trustees:

A. Pomerene Hall Women's Swimming Pool - Remodeling of Roof and Ceiling and Lighting Improvements

This project consists of removing the skylight; installing a roof with insulation, new ceiling, improved lights and new ventilating fan in Women's Swimming Pool area.

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above project for and on behalf of the Board of Trustees. Vice President Carson was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. Ohio Stadium - Artificial Turf 1971

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Artificial Turf Contract</u>		
(2 bids received 6-9-71)		
Monsanto Company (St. Louis, Mo.)		
Base bid	\$ 220,365.00	\$ 274,000.00
Alt. T-2 Practice field turf with		
one-year warranty	135,179.00	239,400.00
Total Contract	<u>\$ 355,544.00</u>	<u>\$ 513,400.00</u>
 <u>Base Contract</u>		
(2 bids received 6-9-71)		
Farley Paving (Columbus)		
Base bid	\$ 95,000.00	\$ 97,000.00
Alt. G-1 Practice field base with		
five-year warranty	83,000.00	117,000.00
Total Contract	<u>\$ 178,000.00</u>	<u>\$ 214,000.00</u>
 <u>Total Contracts</u>	 <u>\$ 533,544.00</u>	 <u>\$ 727,400.00</u>

July 2, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

A. Ohio Stadium - Artificial Turf 1971 (continued)

It is anticipated that because of conditions discovered at the time of excavation it will be necessary to add extra stone in the base to correct sponginess in the subsoil. Unit prices were established in the contract to cover this contingency.

Funds for this project have been provided from Gifts, Interest on Gifts, and Athletic Reserves.

B. Sisson Hall - Remodeling for Offices and Laboratories

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(4 bids received 6-11-71)		
Ed Ross Construction Co.		
(Westerville, Ohio)	\$ 26,375.00	\$ 30,949.00
<u>Electrical Contract</u>		
(6 bids received 5-28-71)		
Reco Electric, Inc. (Columbus)	7,560.00	11,500.00
<u>Plumbing Contract</u>		
(2 bids received 5-28-71)		
Farber Corporation (Columbus)	9,200.00	10,620.00
<u>Heating, Ventilating and Air</u>		
<u>Conditioning Contract</u>		
(4 bids received 5-28-71)		
Farber Corporation (Columbus)	<u>23,800.00</u>	<u>26,200.00</u>
<u>Total Contracts</u>	<u>\$ 66,935.00</u>	<u>\$ 79,269.00</u>

Funds for this project have been provided by a transfer from Budget Account 149997 (New Programs Reserve) to Budget Account 801212 (Sisson Hall Remodeling).

C. Animal Science Livestock Center

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Sawmill Road Complex</u>		
<u>General Contract</u>		
(4 bids received 6-11-71)		
Trapp Construction Co. (Columbus)		
Base bid	\$ 516,800.00	\$ 531,200.00
Alt. BC-1 Delete range shelters	- 17,500.00	- 9,000.00
Total Contract	<u>\$ 499,300.00</u>	<u>\$ 522,200.00</u>

July 2, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

C. Animal Science Livestock Center (continued)

Sawmill Road Complex (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u>		
(7 bids received 6-11-71)		
Limbach Company (Columbus)	\$ 159,500.00*	\$ 146,200.00
<u>Heating, Ventilating and Air</u>		
<u>Conditioning Contract</u>		
(8 bids received 6-11-71)		
Duckworth Plumbing Co. (Columbus)	68,000.00*	56,300.00
<u>Electrical Contract</u>		
(8 bids received 6-11-71)		
S & S Electric Co. (Columbus)	93,660.00	110,400.00
<u>Sanitary and Storm Sewer Contract</u>		
(3 bids received 6-11-71)		
Smith & Bruce Co. (Columbus)	26,000.00	36,300.00
<u>Site Improvement Contract</u>		
(2 bids received 6-11-71)		
George J. Igel Co. (Columbus)	<u>69,610.00*</u>	<u>56,000.00</u>
<u>Total Sawmill Road Complex</u>	<u>\$ 916,070.00</u>	<u>\$ 927,400.00</u>

Case Road Complex

<u>General Contract</u>		
(4 bids received 6-14-71)		
Umbaugh Pole Buildings Co. (Delaware, Ohio)	\$ 247,752.00	\$ 281,500.00
<u>Plumbing Contract</u>		
(3 bids received 6-14-71)		
The Gesling Co. (Lancaster, Ohio)	57,700.00*	48,600.00
<u>Heating, Ventilating and Air</u>		
<u>Conditioning Contract</u>		
(6 bids received 6-14-71)		
Duckworth Plumbing Co. (Columbus)	41,800.00	61,500.00
<u>Electrical Contract</u>		
(7 bids received 6-14-71)		
Reco Electric Co. (Columbus)	53,300.00	83,800.00

July 2, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

C. Animal Science Livestock Center (continued)

Case Road Complex (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Sanitary and Storm Sewer Contract</u> (2 bids received 6-14-71)		
George J. Igel Co. (Columbus)	\$ 33,300.00*	\$ 22,400.00
<u>Site Improvement Contract</u> (2 bids received 6-14-71)		
Farley Paving, Inc. (Columbus)	28,000.00*	19,000.00
<u>Total Case Road Complex</u>	<u>\$ 461,852.00</u>	<u>\$ 516,800.00</u>
<u>Waterman Farm Complex</u>		
<u>General Contract</u> (5 bids received 6-16-71)		
Central Ohio Construction Co. (Columbus)	\$ 239,169.00	\$ 274,450.00
<u>Plumbing Contract</u> (4 bids received 6-16-71)		
Duckworth Plumbing Co. (Columbus)	46,000.00*	44,950.00
<u>Heating, Ventilating and Air Conditioning Contract</u> (6 bids received 6-16-71)		
Duckworth Plumbing Co. (Columbus)	46,000.00*	34,900.00
<u>Electrical Contract</u> (6 bids received 6-16-71)		
Pence Electric Co. (Columbus)	47,498.00	64,450.00
<u>Sanitary and Storm Sewer Contract</u> (2 bids received 6-16-71)		
Utilicon Co. (Hilliard, Ohio)	37,698.00*	12,350.00
<u>Site Improvement Contract</u> (2 bids received 6-16-71)		
George J. Igel Co. (Columbus)	17,200.00*	11,000.00
<u>Total Waterman Farm Complex</u>	<u>\$ 433,565.00</u>	<u>\$ 442,100.00</u>
<u>Total Contracts for All Complexes</u>	<u>\$1,811,487.00</u>	<u>\$1,886,300.00</u>

July 2, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

C. Animal Science Livestock Center (continued)

\*All bids on the Plumbing, Heating, Ventilating and Air Conditioning, and Site Improvement Contracts for the Sawmill Road Complex; the Plumbing, Sanitary and Storm Sewer, and Site Improvement Contracts for the Case Road Complex; and the Plumbing, Heating, Ventilating and Air Conditioning, Sanitary and Storm Sewer, and Site Improvement Contracts for the Waterman Farm Complex were over the Estimate of Cost but it is believed that better bids could not be obtained by readvertising and therefore award of these contracts to the low bidder is recommended subject to the approval of the State Controlling Board.

Funds for this project have been provided from Item 235-010 (Board of Regents Architectural Planning) and Item 315-068 (College of Agriculture), H. B. 531.

D. Cockins Hall Remodeling

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(8 bids received 6-10-71)		
Waller & Lund, Inc. (Columbus)		
Base bid	\$ 168,680.00	\$ 167,900.00
Alt. G-2 Additional work for HVAC equipment to be added later	3,340.00	6,500.00
Total Contract	<u>\$ 172,020.00</u>	<u>\$ 174,400.00</u>
<u>Plumbing Contract</u>		
(5 bids received 6-10-71)		
R. H. Reeb Plumbing and Piping Co. (Columbus)		
Base bid	<u>\$ 19,270.00*</u>	<u>\$ 10,000.00</u>
<u>Heating, Ventilating and Air Conditioning Contract</u>		
(5 bids received 6-10-71)		
Julian Speer Company (Columbus)		
Base bid	\$ 8,200.00	\$ 8,300.00
Alt. HVAC-3 Air Condition Room 004	1,750.00	1,000.00
Total Contract	<u>9,950.00*</u>	<u>9,300.00</u>
<u>Electrical Contract</u>		
(7 bids received 6-10-71)		
Mid-City Electric Co. (Columbus)		
Base bid	\$ 114,193.00	\$ 135,800.00
Alt. E-3 Air condition Room 004	269.00	1,000.00
Total Contract	<u>\$ 114,462.00</u>	<u>\$ 136,200.00</u>
<u>Total Contracts</u>	<u>\$ 315,702.00</u>	<u>\$ 329,900.00</u>

July 2, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

D. Cockins Hall Remodeling (continued)

\*All bids on the Plumbing and Heating, Ventilating and Air Conditioning Contracts were over the Estimate of Cost but it is believed that better bids could not be obtained by readvertising and therefore award of these contracts to the low bidder is recommended subject to the approval of the State Controlling Board.

Funds for this project have been provided from Item 315-074 (Utilities and Renovation), H. B. 531, and by a transfer from Budget Account 149997 (New Programs Reserve) to Budget Account 801181 (Cockins Hall).

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Business and Finance ratified by unanimous roll call vote.

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VIII. CONTROLLING BOARD REQUESTS

Each numbered request shown below accomplishes the following purpose:

- 35 Approves the transfer of \$4, 166, 611 from Item 315-016 "Medical Complex Phase III," H. B. 531, to Item 315-076 "Ambulatory Patient Teaching Facility," H. B. 531, and releases this amount for expenditure.
- 36 Approves the award of contracts for the General and Laboratory Equipment work on the project "Agricultural Technical Institute, Wooster" notwithstanding the fact that the low bids were over the estimate of cost and the release of \$2, 880, 000 from Item 366-001 so that these contracts may be awarded.
- 37 Approves the release of \$289, 800 from Item 315-074 "Utilities and Renovation," H. B. 531, to provide funds for the project "Renovation and Air Conditioning University School."
- 38 Approves the release of \$443, 68 from Item 315-064 "Journalism Building Expansion," H. B. 531, to provide for consulting engineer's fees on this project.

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IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE

A. Clinical Medical Sciences Education Facility -  
Employment of Associate Architect

On June 4, 1971, the Board of Trustees approved the employment of Page Southerland Page as the principal architects on this project.

July 2, 1971 meeting, Board of Trustees

IX. MISCELLANEOUS FROM OFFICE OF BUSINESS AND FINANCE (continued)

A. Clinical Medical Sciences Education Facility -  
Employment of Associate Architect (continued)

President Fawcett recommended that the architectural firm of Dan A. Carmichael, Columbus, Ohio, be employed as Associate Architect to Page Southerland Page to supplement local representation of that firm.

The fee for this service will be part of the overall architectural fee being negotiated by the Department of Public Works with Page Southerland Page.

Funds for this project have been provided from Item 315-016 Medical Complex, H. B. 531, a Public Health Service Grant, and local Hospital funding.

Upon motion of Mr. Dorsey, seconded by Mr. Eckley, the above recommendation was approved by unanimous roll call vote.

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X. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Edison L. Bowers, Professor Emeritus in the College of Social and Behavioral Sciences - Department of Economics; Frank A. Hartman, Professor Emeritus in the Department of Physiology; and Harvey Walker, Professor Emeritus in the Department of Political Science. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Edison L. Bowers

The Board of Trustees of The Ohio State University expresses its sorrow at the death on June 11, 1971, of Edison L. Bowers, Professor Emeritus in the College of Social and Behavioral Sciences - Department of Economics.

Professor Bowers was born in Massillon, Ohio, on May 24, 1898. He received the A.B. degree from Heidelberg College in 1922. Coming to The Ohio State University for graduate work, he received the M.A. degree in 1923, and the Ph.D. degree in 1928. Simultaneously, he was advancing as a faculty member at the University from Teaching Assistant in 1923 to Professor in 1941. In 1941, he was also appointed as Chairman of the Department of Economics, a position he held until 1963. In 1950, he was awarded the L. H. D. degree by Heidelberg College.

From Professor Bowers' first association with the Department of Economics of the University, he was influenced in his choice of professional field by Mathew B. Hammond, the first Chairman of the Department in the College of Commerce and Journalism, as it was then named. Dr. Hammond was recognized as an authority in the fields of labor relations and social insurance,



July 2, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

A. Edison L. Bowers (continued)

both in Ohio and nationally. Edison Bowers followed in this path, and promptly achieved state and national recognition in these fields in his own right. He was a member of the Ohio Advisory Council on Unemployment Compensation from its founding in 1937 until March 1971. Throughout his active career, he was continuously involved in such educational and public service organizations as the National War Labor Board (World War II), Ohio Disability Insurance Commission, American Institute for Property and Liability Underwriters, The S. S. Huebner Foundation for Insurance Education, and the American College of Life Underwriters. In addition, he was a member of several honorary, academic fraternities and national learned societies.

Upon such an extensive participation in the extracurricular counterparts of his academic interests, Professor Bowers also built a full career in University teaching and administration. In addition to the Chairmanship of the Department of Economics, he was called upon for extensive service on University wide councils and committees too numerous to mention. Yet, he continued classroom teaching in the various branches of insurance, at both undergraduate and graduate levels as his own schedule permitted. Thus, he never became separated from the students of the Department. In addition to all of these activities, he was joint author for two different texts for use in his chosen fields.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

B. Frank A. Hartman

The Board of Trustees expresses its sorrow at the death on March 21, 1971, of Frank A. Hartman, Professor Emeritus in the Department of Physiology.

Dr. Hartman was born in Gibbon, Nebraska, on December 4, 1883. He attended the University of Kansas where his outstanding scholastic abilities led to his election to Phi Beta Kappa. Following graduation in 1905, he taught high school biology and coached the track team for one year in Illinois. He then returned to Kansas as a part-time student and school teacher and received his M. A. degree from the University of Kansas in 1909. He then moved to the northwest and taught in the Seattle school system while working toward his Ph. D. degree in Chemistry. This was received in 1914 from the University of Washington.

Dr. Hartman was appointed the Austin Teaching Fellow in Physiology at Harvard University and the following year moved to the University of Toronto. At that institution he was successively Lecturer, Assistant and then Associate Professor of Physiology. He was appointed Professor of Physiology and Chairman of the Department of Physiology at the University of Buffalo in 1919 and came to Ohio State in 1934 as Professor and Chairman of the Department of Physiology. He had, by that time, a considerable reputation as an

July 2, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

B. Frank A. Hartman (continued)

authority on the function of the adrenal gland and was the first to prepare a physiologically active extract of that gland. His work provided much of the basis for our present knowledge of the adrenal steroids. He became a Research Professor in 1947 and attained Emeritus status in 1954. He continued an active research program up to the time of his death.

Dr. Hartman was the author or co-author of 174 scientific papers. In 1949, with Dr. Katharine Brownell, he wrote the first definitive textbook on the adrenal gland. Dr. Hartman received many honors during his long and active career. Among them were The Chancellor's Medal of the University of Buffalo, The Gold Medal of the American Medical Association, and The Schoellkoff Medal of the American Chemical Society. He was a member of many professional and scientific societies and in 1935 served as President of the Endocrine Society, then known as the Association for Study of Internal Secretions.

Dr. Hartman was a scientist's scientist, a dedicated investigator, and an outstanding individual. He served as a model and inspiration for many students, colleagues, and friends.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family of Dr. Hartman as a humble expression of the Board's heartfelt sympathy in its bereavement.

C. Harvey Walker

The Board of Trustees expresses its sorrow at the death on May 22, 1971, of Harvey Walker, Professor Emeritus in the Department of Political Science.

Professor Walker was born on February 24, 1900, in Des Moines, Iowa. He received his A.B. degree from the University of Kansas, his M.A. and Ph.D. degrees from the University of Minnesota, and his LL.B. degree from The Ohio State University.

Dr. Walker joined the faculty of The Ohio State University in 1928 and rose to the rank of Professor in 1935. He served that post with distinction until his retirement in 1967, at which time he was named Professor Emeritus.

During his long career, Professor Walker became known throughout the world as a teacher, scholar, and government consultant. He served as Visiting Professor at the American University, the University of Idaho, and (immediately after retirement at Ohio State) at the University of Kansas.

His government and civic appointments were numerous and significant. He was Superintendent of the Budget for the State of Ohio from 1929-1931, and Secretary of the Ohio Municipal League during those same years. In 1951-1952 he served as United Nations Professor, Brazilian School of Public

July 2, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

C. Harvey Walker (continued)

Administration, Rio de Janeiro. He was Consultant to charter and constitutional revision committees in Kansas, Minnesota, Ohio, and West Virginia, and to governmental units abroad. And at the time of his death, was Associate Director of an important task force of the Adult Parole Authority of the Ohio Division of Corrections.

During the Second World War, Professor Walker saw service with the U. S. Army fiscal department and rose to the rank of Lieutenant Colonel. Following his return to University life, he attended The Ohio State University College of Law and was subsequently admitted to the Ohio State and American Bar Associations and to the practice of law before Ohio Courts and the U. S. Supreme Court.

Throughout his career, Professor Walker set as his high task the bringing of scholarly knowledge and wisdom to the practical affairs of government. He was a dedicated teacher, and many of his former students occupy positions of importance in governments throughout the world. His list of publications is long, and the international recognition which he achieved is represented in his having been awarded the Commander's Cross of the Order of Merit of West German Republic and the Commander's Cross of the Order of the Southern Cross of Brazil. He was a scholar, active to the last, who will be missed.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and understanding of its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family of Harvey Walker as a humble expression of the Board's heartfelt sympathy in its bereavement.

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XI. REPORTS

A. Reports from the Finance and Investment Committee

1. Resolution Ratifying and Confirming Approval of Trust Agreement and First Supplemental Trust Agreement Pertaining to the University's General Receipts Bonds

The Chairman of the Finance and Investment Committee of the Board of Trustees, Mr. William Safford, presented the following resolution:

WHEREAS, by resolutions duly adopted by this Board of Trustees on May 7, 1971, the University authorized the issuance from time to time of General Receipts Bonds and as a first thereof \$4,500,000 General Receipts Bonds, Series 1971, which resolutions authorized the execution and delivery of forms of Trust Agreement (see page 49) and First Supplemental Trust Agreement (see page 83) pertaining to such Bonds; and

July 2, 1971 meeting, Board of Trustees

XI. REPORTS (continued)

A. Reports from the Finance and Investment Committee (continued)

1. Resolution Ratifying and Confirming Approval of Trust Agreement and First Supplemental Trust Agreement Pertaining to the University's General Receipts Bonds (continued)

WHEREAS, the forms of such Trust Agreement and First Supplemental Trust Agreement have been finalized and have been submitted to this Board in such form for approval;

NOW, THEREFORE, BE IT RESOLVED by the Board of Trustees of The Ohio State University that:

Section 1. The Trust Agreement which has been submitted to this meeting by and between the University and The Huntington National Bank of Columbus, Trustee, dated as of June 1, 1971, referred to in the General Bond Resolution adopted by this Board on May 7, 1971, is hereby in all respects approved, and the prior approval thereof and the authorization to sign and deliver the same in Section 16 of the General Bond Resolution are hereby ratified and confirmed.

Section 2. The First Supplemental Trust Agreement which has been submitted to this meeting by and between the University and The Huntington National Bank of Columbus, Trustee, dated as of June 1, 1971, referred to in the Series 1971 Resolution adopted by this Board on May 7, 1971, is hereby in all respects approved, and the prior approval thereof and the authorization to sign and deliver the same in Section 9 of the Series 1971 Resolution are hereby ratified and confirmed.

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the above resolution was adopted by unanimous roll call vote.

2. Resolution - Amendment to an Action of Board of Trustees Taken May 7, 1971

Mr. Safford, Chairman of the Finance and Investment Committee, presented the following resolution:

BE IT RESOLVED by the Board of Trustees of The Ohio State University that the Trust Agreement and First Supplemental Trust Agreement, both of which have been submitted to this meeting, by and between the University and The Huntington National Bank of Columbus, Trustee, both dated as of June 1, 1971, referred to, respectively, in the General Bond Resolution and the Series 1971 Resolution both adopted by this Board on May 7, 1971, are hereby in all respects approved, and the prior approval thereof and the authorization to sign and deliver the same in Section 16 of the General Bond Resolution and in Section 9 of the Series 1971 Resolution are hereby ratified and confirmed; that the award of the \$4,500,000 General Receipts Bonds, Series 1971 pursuant to the Certificate of Award submitted to this

July 2, 1971 meeting, Board of Trustees

XI. REPORTS (continued)

A. Reports from the Finance and Investment Committee (continued)

2. Resolution - Amendment to an Action of Board  
of Trustees Taken May 7, 1971 (continued)

meeting, is hereby approved and confirmed; and that Section 5(b) of the Series 1971 Resolution, adopted by this Board on May 7, 1971, be amended by deleting the second sentence of such section.

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the above resolution was adopted by unanimous roll call vote.

B. Report on the University's Investment Portfolio

The report dated July 2, 1971, as submitted to the Finance and Investment Committee of the Board of Trustees by Vice President Gordon B. Carson pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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Mr. Shocknessy concluded the meeting with the following statement:

We will have an effective Black Studies division. We are committed to that--we committed ourselves to that last year when we appointed the first Chairman. It is hoped that the President will come to this Board with a recommendation for a successor to the Chairmanship of this division promptly. I should like to note that before this meeting the members of this Board were served with summons and a petition in an action filed on behalf of Mr. Charles Ross. I told Mr. Johnson, who has apparently left the room, that I might have something to say with respect to his request that we release all the information that we have relating to our decision on Mr. Ross. I said that, however, before we heard Mr. Cummins. It would seem to me that Mr. Cummins had access to a great deal of information which was also available to Mr. Johnson and others. But with the case now pending in the United States District Court, there is not a great deal we will be able to say in addition to what has already been said. Since filing and service have been accomplished, the case will undoubtedly come before the District Court and the whole matter will be portrayed there. Meanwhile, it is my personal belief that an adequate amount of information not only has been provided to us but has also been put into the public domain.

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Thereupon the Board adjourned to meet Thursday, September 2, 1971, at The Ohio State University, Columbus, Ohio, at 3:00 p.m.

Attest:

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Edward Q. Moulton  
Secretary

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James W. Shocknessy  
Chairman

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**TRUST AGREEMENT**

**between**

**THE OHIO STATE UNIVERSITY**

**and**

**THE HUNTINGTON NATIONAL BANK OF COLUMBUS,**

**Trustee**

**Dated**

**as of**

**June 1, 1971**

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**Securing**

**THE OHIO STATE UNIVERSITY**

**GENERAL RECEIPTS BONDS**

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## TRUST AGREEMENT

THIS TRUST AGREEMENT (hereinafter called the "Agreement") dated as of the first day of June, 1971, by and between The Ohio State University (hereinafter called the "University"), a state university of the State of Ohio created and existing under Chapter 3335 of the Ohio Revised Code, and The Huntington National Bank of Columbus, a bank organized and existing under and by virtue of the laws of the United States of America and duly authorized to exercise corporate trust powers in the State of Ohio, with its principal place of business located in Columbus, Ohio (hereinafter, with any successors, called the "Trustee"), as Trustee.

### W I T N E S S E T H:

WHEREAS, by the Constitution and laws of the State of Ohio, and particularly Sections 3345.11 and 3345.12 of the Ohio Revised Code, and pursuant to the General Bond Resolution referred to below and constituting a part hereof, the University is authorized and empowered to, among other things, enter into this Agreement and to do or cause to be done all the acts and things herein provided or required to be done, and to issue the General Receipts Bonds of the University as hereinafter provided for; and

WHEREAS, the University has determined to sell an initial issue of General Receipts Bonds of the University and to enter into this Agreement to secure said initial issue of Bonds and additional Bonds issuable hereunder as set forth and declared in this Agreement; and

WHEREAS, the said General Bond Resolution is incorporated herein, constitutes an integral part of this Agreement, and provides, in its entirety, as follows:

(See May 7, 1971 Minutes, pages 474-493)

WHEREAS, all acts, conditions and things required to happen, exist and be performed precedent to and in the execution and delivery of this Agreement have happened, exist and been performed in order to make the Bonds, when authorized and issued in accordance with this Agreement, valid obligations of the University in accordance with the terms thereof and hereof, and in order to make this Agreement a valid, binding and legal trust agreement for the security of the Bonds in accordance with its terms; and

WHEREAS, the Trustee has accepted the trusts created by this Agreement, and in evidence thereof has joined in the execution hereof;

NOW THEREFORE, THIS TRUST AGREEMENT WITNESSETH, that in order to secure the payment of the Bond service charges on the Bonds according to their true intent and meaning, and to secure the performance and observance of all the covenants, agreement and conditions therein and herein contained and to declare the terms and conditions upon and subject to which the Bonds are and are intended to be issued, authenticated, delivered, accepted, held, secured, and

enforced, the University, in consideration of the premises and the acceptance by the Trustee of the trusts hereby created and for other good and valuable considerations, the receipt of which is hereby acknowledged, has executed and delivered this Trust Agreement and has pledged, and by these presents does hereby pledge, the General Receipts of the University, the General Receipts Bond Pledge Fund and the General Receipts Bond Service Fund unto The Huntington National Bank of Columbus, Columbus, Ohio, as Trustee, and to its successors in said trust and to it and its assigns, and does hereby covenant and agree to apply the General Receipts and Bond Pledge Fund to the extent and in the manner in this Agreement provided.

Bonds or of maturity, or otherwise, to the extent provided in and except as otherwise permitted by this Agreement, it being intended that the security of this Agreement shall take effect from the date hereof without regard to the date of actual issue, sale or disposition of the Bonds as though upon such date all the Bonds were actually issued, sold and delivered to purchasers for value; provided, however, that if all Bond service charges on the Bonds and coupons are paid or caused to be paid in accordance with Sections 9.01 and 9.02 of this Agreement, and the University shall well and truly keep, perform and observe all the covenants and conditions pursuant to the terms of this Agreement to be kept, performed and observed by it, and shall pay or cause to be paid to the Trustee and Paying Agents all sums of money due or to become due to them in accordance with the terms and provisions hereof, then this Agreement and the rights hereby granted shall cease, determine and be void; otherwise this Agreement shall bbe and remain in full force and effect.

And it is expressly declared that all Bonds issued and secured hereunder are to be issued, authenticated and delivered and all General Receipts and the Bond Pledge Fund are to be dealt with, disposed of, and applied, under, upon and subject to the terms, conditions, stipulations, covenants, agreements, trusts, uses and purposes provided in this Agreement and the University has agreed and covenanted, and does hereby further agree and covenant, with the Trustee and with the respective holders from time to time of the Bonds or coupons, or any part thereof, as follows:

## ARTICLE I

### DEFINITIONS

Section 1.01. **Definitions.** In addition to the words and terms elsewhere defined in this Agreement, including in the General Bond Resolution, and unless the context otherwise indicates, the terms "hereof", "herein", "hereby", "hereto", "hereunder", and similar terms, mean and refer to this Agreement; the term "office of" the Trustee, Paying Agent or Bond Registrar means the principal corporate trust office thereof; the term "Authorized Officer" means any officer or employee of the University or the Board authorized by or pursuant to law or action of the Board to perform the act or sign the document in question, and if there is no such authorization means the Chairman or Secretary of the Board, or the President or the Fiscal Officer of the University; and the term "Bond Registrar" means the keeper of the registrations books for the registration of the Bonds or a series of Bonds, as the case may be, which in each case shall be the Trustee except as may otherwise be provided pursuant to the Trust Agreement.

ARTICLE II  
FORM, AUTHENTICATION, REGISTRATION  
AND EXCHANGE OF BONDS

Section 2.01. **Form of Bonds.** The Bonds and coupons shall be substantially in the forms set forth in the respective Supplemental Trust Agreements entered into in connection therewith, all consistent with this Agreement.

Section 2.02. **Authentication and Delivery of Bonds.** Neither any Bond nor any coupon appertaining thereto shall be valid or become obligatory for any purpose or shall be entitled to any security or benefit under this Agreement unless and until an authentication certificate, substantially in the form set forth below, shall have been duly endorsed upon such Bond. Such certificate of the Trustee may be executed by any person duly authorized by the Trustee, but it shall not be necessary that the same person sign the authentication certificate on all of the Bonds. Said authentication certificate shall be substantially in the following form:

“This Bond is one of the Bonds issued under the provisions of the  
within mentioned Agreement and the Supplemental Trust  
Agreement thereto.”

The Trustee shall not authenticate or deliver any coupon Bonds unless all coupons annexed thereto and then matured shall have been detached and cancelled, except as may be permitted under Section 2.04 and Section 2.05 hereof.

Before the first issue of Bonds, and before any additional Bonds, are authenticated and delivered by the Trustee, there shall have been filed with the Trustee the following:

1. A copy, duly certified by an Authorized Officer, of a Series Resolution authorizing the issuance and delivery of the Bonds to be authenticated and delivered, adopted in conformity with Section 3 of the General Bond Resolution.

2. An original executed counterpart of the Supplemental Trust Agreement entered into connection with the issuance of such Bonds.

3. A request and authorization to the Trustee on behalf of the University, signed by an Authorized Officer, to authenticate and deliver the Bonds to, or on the order of, the Original Purchaser thereof who is therein identified, upon payment of a sum specified in such request and authorization.

4. A certificate of the Authorized Officers as provided for in the last paragraph of Section 13 of the General Bond Resolution.

5. The written opinion of counsel for the University, or other counsel satisfactory to the Trustee, to the effect that documents submitted to the Trustee in connection with the application then being made comply with the requirements of the Trust Agreement, and that in his opinion all conditions precedent to the issuance of such Bonds as provided in the Trust Agreement have been complied with; and a written opinion of bond counsel to the University, who may also be the counsel referred to above in this paragraph 5, that the Bonds the authentication of which is then

applied for, when duly executed and authenticated and delivered by the Trustee, will be valid and legal obligations of the University in accordance with their terms and will be secured by this Agreement with all Bonds at the time outstanding hereunder.

When the foregoing documents have been filed with the Trustee and the Bonds have been executed and authenticated, the Trustee shall deliver such Bonds to or on the order of the Original Purchaser thereof identified in the request and authorization referred to in numbered paragraph 3 of this Section, but only upon payment of the specified sum set forth in said request and authorization.

**Section 2.03. Fully Registered Bonds.** Fully registered Bonds shall be in the same denominations as authorized for coupon Bonds of the same series, and any multiple thereof. Unless otherwise provided in the applicable Series Resolution, each fully registered Bond shall be of a single maturity of the same series. Except as may be otherwise provided in the applicable Series Resolution, each fully registered Bond shall bear interest from its date and shall be dated as of the date of the coupon Bonds of the applicable series if authenticated prior to the first interest payment date for such series, and otherwise shall be dated as of the interest payment date next preceding the date of authentication, unless authenticated on an interest payment date in which case it shall be dated as of the date of its authentication; provided, however, that if at the time of authentication of any fully registered Bond interest thereon is in default, such Bond shall be dated as of the date to which interest has been paid.

**Section 2.04. Transfer, Exchange and Registration of Bonds.** Coupon Bonds, upon surrender thereof at the office of the Bond Registrar, with all unmatured coupons and all matured coupons in default, if any, appertaining thereto may, at the option of the holder thereof, be exchanged for an equal aggregate principal amount of fully registered Bonds of the same series and of any denomination or denominations authorized by the applicable Series Resolution, and bearing interest at the same rate and maturing on the same date or dates.

Fully registered Bonds, upon surrender thereof at the office of the Bond Registrar, together with an assignment duly executed by the registered holder or his duly authorized attorney in such form as shall be satisfactory to the Bond Registrar, may, at the option of the registered holder thereof, be exchanged for coupon Bonds of authorized denomination of the same series in the aggregate principal amount not exceeding the unmatured and unredeemed principal amount of such fully registered Bonds, bearing interest at the same rate and maturing on the same date or dates, with coupons attached representing all unpaid interest due or to become due thereon, or for fully registered Bonds of the same series of any denomination or denominations authorized by the applicable Series Resolution, in the aggregate principal amount not exceeding the unmatured and unredeemed principal amount of such fully registered Bonds, and bearing interest at the same rate and maturing on the same date or dates, or any combination of the foregoing.

Unless otherwise provided in the applicable Series Resolution the principal of and redemption premium, if any, on all registered Bonds (except coupon Bonds registered as to

principal to bearer) shall be payable at the office of the Trustee, and payment of the interest on fully registered Bonds shall be made on each interest payment date to the person appearing on the registration books hereinafter provided for as the registered holder thereof, by check or draft mailed by the Trustee to such registered holder at his address as it appears on such registration books.

Title to any coupon Bond, unless such Bond is registered as to principal (except to bearer), and to any coupon shall pass by delivery. Unless otherwise provided in the applicable Series Resolution, at the option of the holder any coupon Bond may be registered as to principal on registration books kept for that purpose at the office of the Bond Registrar, upon presentation thereof to the Bond Registrar which shall make notation of such registration thereon. Any such Bond registered as to principal (except to bearer) may thereafter be transferred only upon an assignment duly executed by the registered holder or his duly authorized attorney in such form as shall be satisfactory to the Bond Registrar, such transfer to be made on such books and endorsed on the Bond by the Bond Registrar. Such transfer may be to bearer and thereby transferability by delivery shall be restored, subject, however, to successive registrations and transfers as before.

Any fully registered Bond may be transferred only upon the books for the registration and transfer of Bonds, upon surrender thereof at the office of the Bond Registrar together with an assignment duly executed by the registered holder or his duly authorized attorney in such form as shall be satisfactory to the Bond Registrar. Upon the transfer of any such fully registered Bond and on request of the Bond Registrar, the University shall execute in the name of the transferee a new fully registered Bond or Bonds of the same series, of any denomination or denominations permitted by the applicable Series Resolution, or coupon Bonds of the same series with coupons attached representing all unpaid interest due or to become due thereon, or a combination of the foregoing, in aggregate principal amount equal to the unmatured and unredeemed principal amount of such fully registered Bond, and bearing interest at the same rate and maturing on the same date or dates.

In all cases in which Bonds shall be exchanged or fully registered Bonds shall be transferred thereunder, the University shall execute and the Trustee shall authenticate and deliver Bonds in accordance with the provisions of this Agreement. Except as may otherwise be provided in an applicable Series Resolution as to the series of Bonds authorized by such resolution, the University, the Trustee and the Bond Registrar may make a charge for any such exchange or transfer of Bonds authorized by such Series Resolution sufficient to reimburse them for any tax, fee or other governmental charge required to be paid with respect to such exchange or transfer and sufficient to reimburse them for all other costs and expenses incurred in connection with such exchange or transfer, and any such charge shall be paid before any such new Bond shall be delivered. Neither the University, the Trustee nor the Bond Registrar shall be required to make any such exchange or transfer of any Bond during the ten days next preceding an interest payment date on the Bonds of the same series or next preceding any selection of Bonds of the same series to be redeemed, or after such Bond has been selected for redemption.

As to any coupon Bond registered as to principal or fully registered Bond, the person in whose name the same shall be registered shall be deemed and regarded as the absolute owner thereof for all purposes, and payment of or on account of the principal of and any premium on any such Bond and the interest on such fully registered Bond shall be made only to or upon the order of the registered holder thereof or his legal representative, and neither the University, Bond Registrar, Trustee nor any Paying Agent shall be affected by any notice to the contrary, but such registration may be changed as hereinabove provided. All such payments shall be valid and effectual to satisfy and discharge the liability upon such Bond, including the interest thereon, to the extent of the sum or sums so paid. The University, Bond Registrar, Trustee and any Paying Agent may deem and treat the bearer of any coupon Bond which shall not at the time be registered as to principal or which shall be registered as to principal to bearer, and the bearer of any coupon appertaining to any coupon Bond whether such coupon Bond shall be registered as to principal or not, as the absolute owner of such Bond or coupon, as the case may be, whether such Bond or coupon shall be overdue or not, for the purpose of receiving payment thereof and for all other purposes whatsoever, and neither the University, Bond Registrar, Trustee nor any Paying Agent shall be affected by any notice to the contrary.

In case any fully registered Bond is redeemed in part only, on or after the redemption date and upon surrender of such Bond to the Trustee the University shall execute and the Trustee shall authenticate and deliver, without charge to the bondholder, a new Bond or Bonds in authorized denominations and in aggregate principal amount equal to the unredeemed portion of such Bond.

So long as any of the Bonds remain outstanding, the University will cause to be maintained and kept, at the Trustee as Bond Registrar, books for the aforesaid registration and transfer, except that as to any series of Bonds an additional or different Bond Registrar may be designated in the applicable Series Resolution.

**Section 2.05. Mutilated, Lost, Wrongfully Taken or Destroyed Bonds or Coupons.** In the event any Bond is mutilated, lost, wrongfully taken or destroyed, the University shall execute and the Trustee shall authenticate a new Bond of like date, maturity and denomination as that mutilated, lost, wrongfully taken or destroyed, which new Bond, if a coupon Bond, shall have attached thereto coupons corresponding in all respect to those (if any) on the Bond mutilated, lost, wrongfully taken or destroyed, provided that in the case of any mutilated Bond such mutilated Bond together with all coupons (if any) appertaining thereto shall first be surrendered to the Trustee, and in the case of any lost, wrongfully taken or destroyed Bond there shall be first furnished to the University and the Trustee evidence of such loss, wrongful taking or destruction satisfactory to the Authorized Officer of the University and to the Trustee, together with indemnity satisfactory to them. In the event any such lost, wrongfully taken or destroyed Bond (or any coupon or coupons appertaining thereto) shall have matured, instead of issuing a new Bond (or

coupon or coupons appertaining thereto representing coupon or coupons that has or have matured), the University, by its Authorized Officer, may direct the Trustee to pay the same without surrender thereof upon the furnishing of the evidence and satisfactory indemnity as in the case of issuance of a new Bond. The University and the Trustee may charge the holder of the applicable Bond with their reasonable fees and expenses in connection with their actions pursuant to this paragraph.

Every new Bond issued pursuant to this Section shall, with respect to such Bond and any coupons appertaining thereto, constitute an additional contractual obligation of the University, whether or not the lost, wrongfully taken or destroyed Bond or coupon appertaining thereto shall be found at any time, and shall be entitled to all the benefits of this Agreement equally and proportionately with any and all other Bonds of the same series, and coupons appertaining thereto, duly issued hereunder. Any new Bond issued pursuant to this Section, and any coupons appertaining thereto, may contain a statement to the effect that they are issued to replace a mutilated, lost, wrongfully taken or destroyed Bond and the coupons, if any, appertaining thereto.

All Bonds and coupons shall be held and owned on the express condition that the foregoing provisions of this Section are exclusive with respect to the replacement or payment of mutilated, lost, wrongfully taken or destroyed Bonds and coupons appertaining thereto and shall preclude any and all other rights or remedies, including payment or replacement of detached coupons separately lost, wrongfully taken or destroyed, notwithstanding any law or statute existing or hereafter enacted to the contrary with respect to the replacement or payment of negotiable instruments or other securities without their surrender.

The Trustee shall promptly advise in writing the Paying Agents of the applicable series of the issuance pursuant to this Section of new Bonds or coupons appertaining thereto and of the payment pursuant to this Section of any matured Bond or coupon.

**Section 2.06. Safekeeping and Cancellation of Bonds.** Any Bond or any coupon surrendered for the purpose of payment or retirement, or for exchange, or for replacement or payment pursuant to Section 2.05, shall be cancelled upon surrender thereof to the Trustee or Paying Agents, provided, however, that any coupon Bond surrendered for exchange may, at the option of the Trustee, instead of being cancelled as provided above, be held in safekeeping by the Trustee for re-issuance and may be reissued in an exchange pursuant to Section 2.04 hereof, and any such Bond and coupons appertaining thereto shall, if not so reissued, be cancelled by the Trustee immediately after maturity and certification of such cancellation shall be made to the University as provided in this Section. Any such Bonds and coupons cancelled by a Paying Agent other than the Trustee shall be promptly transmitted by such Paying Agent to the Trustee. Certification of such surrender and cancellation, and of any coupon Bonds held in safekeeping by the Trustee for re-issuance pursuant to this section, shall be made to the University by the Trustee at least twice each fiscal year. Cancelled Bonds and coupons shall promptly be cremated by the Trustee, and certificates of such cremation provided by the Trustee to the University.

**ARTICLE III**  
**REDEMPTION OF BONDS**

Section 3.01. **Privilege of Redemption.** The Bonds shall be subject to redemption prior to maturity to the extent, at such times and in the manner provided in the General Bond Resolution and in the applicable Series Resolution, all subject to this Agreement.

Section 3.02. **University's Election to Redeem.** The University, except in the case of redemption pursuant to any mandatory sinking fund requirements provided for in any Series Resolution, shall give written notice to the Trustee of its election to so redeem in accordance with the applicable Series Resolution or Resolutions, of the places where the amounts due upon such redemption are payable, of the redemption date, and of the principal amount of each maturity of each series of redeemable Bonds to be redeemed, which notice shall be given at least forty-five days prior to the redemption date or within such shorter period as shall be acceptable to the Trustee.

If less than all of the Bonds of a series of any one maturity shall be called for redemption, the particular Bonds to be redeemed in whole or in part shall, unless other provision for such selection be made in the applicable Series Resolution, be selected by lot by the Trustee in such manner as the Trustee in its discretion may determine.

Section 3.03. **Notice of Call for Redemption.** When the Trustee shall receive notice from the University of its election to redeem Bonds, or in order to carry out any mandatory sinking fund requirements of a Series Resolution, the Trustee shall give notice of call for redemption as provided for in Section 4 of the General Bond Resolution, and also shall mail a copy of such notice to all registered holders of Bonds to be redeemed in whole or in part at their addresses as they appear on the registration books provided for in Section 2.04 hereof and to holders of all other Bonds to be redeemed who have their names and addresses on the list of bondholders provided for in Section 6.10 hereof; provided that failure to mail such notice shall not affect in any respect the validity of the proceedings for such redemption.

Section 3.04. **Payment of Redeemed Bonds.** In the event notice of call for redemption shall have been given as in Section 3.03 hereof provided, the Trustee, if it holds the moneys to be applied to the payment of the redemption price and accrued interest, or otherwise the University, shall not less than one business day prior to the redemption date pay to the appropriate Paying Agents identified in such notice an amount in cash which, in addition to other moneys, if any, available therefor held by the Paying Agents, will be sufficient to redeem at the redemption price thereof plus interest accrued to the redemption date all of the Bonds (and portions of fully registered Bonds) which the University has so elected to redeem; provided that to the extent that the amount needed by a Paying Agent for such purpose is not sufficiently predictable, the Trustee may make such credit arrangements with such Paying Agent as to permit meeting such payments. The University shall promptly notify the Trustee in writing of any payments made by the University to a Paying Agent pursuant to this paragraph.



Notice having been given in the manner provided in Section 3.03 hereof, the Bonds (and portions of fully registered Bonds) so called for redemption shall become due and payable on the redemption date so designated at the redemption price, plus interest accrued to the redemption date, upon presentation and surrender thereof together with all appurtenant coupons maturing subsequent to the redemption date at the place or places specified in such notice, and such Bonds (and portions of fully registered Bonds) shall be paid at the redemption price plus interest accrued to the redemption date. All interest installments represented by coupons which shall have matured on or prior to the redemption date shall continue to be payable to the bearers of such coupons.

If, on the redemption date, moneys for the redemption of all such Bonds (and portions of fully registered Bonds) to be redeemed, together with interest to the redemption date, are held as provided in Section 4 of the General Bond Resolution, then from and after the redemption date such Bonds and portions of fully registered Bonds so called for redemption, and all appurtenant coupons maturing subsequent to the redemption date, shall no longer be considered as outstanding hereunder.

All moneys held by the Trustee or Paying Agents for the redemption of particular Bonds shall be held in trust for the account of the holders thereof and shall be paid to them respectively upon presentation and surrender of such Bonds.

#### ARTICLE IV

##### FURTHER PROVISIONS AS TO FUNDS AND PAYMENTS

**Section 4.01. Non-presentment of Bonds or Coupons; Unclaimed Moneys.** In the event any Bonds shall not be presented for payment when the principal thereof becomes due, either at maturity, at the date fixed for redemption thereof, or otherwise, or in the event any coupon shall not be presented for payment at the due date thereof, if moneys for the purpose of paying, and sufficient to pay, such Bond or coupon shall have been made available to the Paying Agents therefor, it shall be the duty of the Paying Agents to hold such moneys in trust, without liability to the University or the Trustee or the bondholder for interest thereon, for the benefit of the holder of such Bond or coupon, who shall, subject to the provisions of this section, thereafter be restricted exclusively to such moneys for any claim of whatever nature on his part under this Agreement or on, or with respect to, said Bond or coupon. Any moneys which shall be so held by the Paying Agents, and which remain unclaimed by the holder of the Bond or coupon not presented for payment, for a period of three years after the date on which such Bond or coupon shall have become payable as provided above shall upon request in writing by the University be paid to the University and thereafter the holder of such Bond or coupon shall look only to said University for payment and then only to the amounts, or to the extent of amounts, so received by it without any interest thereon, and the Paying Agents and Trustee shall have no further responsibility with respect to such moneys.

The moneys paid to the University pursuant to this Section 4.01 shall be credited by it to a special fund of the University, as a trust fund separate and apart from other funds of the

University, to be maintained in an account or accounts with a bank or banks that are members of the Federal Deposit Insurance Corporation, or invested in eligible investments. The University shall keep a record of the amounts with respect to each series of Bonds, and to Bonds and coupons of such series, so deposited in said special fund, and moneys in such fund shall be applied to payment of Bond service charges on the Bonds with respect to which such money is transferred to the University. Investment income from any investments of moneys in such special fund may be credited to the general funds of the University. Moneys in such special fund unclaimed for fifteen years after such moneys are paid to the University shall become the absolute property of the University free from trust.

**Section 4.02. Moneys to be Held in Trust.** All moneys required or permitted to be deposited with or paid to the Trustee or any Paying Agent under any provision of the Trust Agreement, and any investments thereof, shall be held by the Trustee or such Paying Agent in trust for the purposes intended and shall, while so held, be subject to the lien hereof.

Moneys and investments in the custody of the University in the Bond Pledge Fund and any other special fund or account created under or pursuant to this Agreement as a trust fund shall constitute trust funds for the purposes intended and shall while so held be subject to the lien hereof, and the University covenants that it may be held accountable as the trustee of an express trust for the application and disposition thereof solely to the respective uses and purposes in this Agreement provided.

The pledge and lien created by the Agreement shall be valid and binding from and after the time made against all parties having claims of any kind against the University.

**Section 4.03. Reports by Trustee to the University.** The Trustee shall, at least once a month, submit to the University a report of moneys and investments held by it pursuant to this Agreement, and of any transactions involving such moneys and investments, including any sales of investments and reinvestments thereof, and any transfers as between special funds and accounts. The Trustee shall immediately advise the University of any failure timely to receive payments to the Bond Service Fund pursuant to Section 7 of the General Bond Resolution, and of any transfer by the Trustee from the Bond Service Reserve Account to the Bond Service Account pursuant to the second paragraph of Section 9 of the General Bond Resolution.

## ARTICLE V

### ADDITIONAL COVENANTS OF THE UNIVERSITY

**Section 5.01. Extension of Payment of Bonds and Coupons.** The University shall not directly or indirectly extend or assent to the extension of the maturity of any of the Bonds or the time of payment of any of the coupons or claims for interest, by the purchase or funding of such Bonds, coupons or claims for interest or by any other arrangement and in case the maturity of any of the Bonds or the time for payment of any such coupons or claims for interest shall be extended, such Bonds, coupons or claims for interest shall not be entitled in case of any event of default under

this Agreement to the benefit of this Agreement or to any payment out of the funds (except funds held for the payment of particular Bonds, coupons or claims for interest pursuant to this Agreement) held by the Trustee or any Paying Agent except subject to the prior payment of the principal of all Bonds issued and outstanding the maturity of which has not been extended and of such portion of the accrued interest on the Bonds as shall not be represented by such extended coupons or claims for interest. Nothing herein shall be deemed to limit the right of the University to issue any duly authorized refunding Bonds and such issuance shall not be deemed to constitute an extension of maturity of Bonds.

**Section 5.02. Power to Issue Bonds and Make Pledges.** The University is duly authorized pursuant to law to create and issue the Bonds and coupons and enter into this Agreement and to pledge the General Receipts, the Bond Pledge Fund and the Bond Service Fund and other special funds and accounts purported to be pledged in the manner and to the extent provided in this Agreement. The Bonds and coupons are and will be the valid and legally enforceable obligations of the University and the provisions of this Agreement are and will be the valid and legally enforceable obligations of the University, all in accordance with their terms and the terms of this Agreement. The University shall at all times, to the extent permitted by law, defend, preserve and protect the pledge of the General Receipts, the Bond Pledge Fund and the Bond Service Fund and other special funds and account under this Agreement and all the rights of the bondholders under this Agreement against all claims and demands of all persons whomsoever.

**Section 5.03. Accounts and Reports.** The University shall keep or cause to be kept proper books of record and account in which complete and correct entries shall be made of its transactions relating to the Trust Agreement and special funds and accounts, which records shall be subject to inspection and audit in accordance with Section 15(f) of the General Bond Resolution.

## ARTICLE VI

### THE TRUSTEE AND PAYING AGENTS

**Section 6.01. Trustee's Acceptance and Responsibilities.** The Trustee hereby accepts the trust imposed upon it by this Agreement, and agrees to perform said trusts as an ordinarily prudent trustee under a trust agreement, but only upon and subject to the following express terms and conditions:

(a) The Trustee may execute any of the trusts or powers hereof and perform any of its duties by or through attorneys, agents, receivers or employees but shall be answerable for the conduct of the same in accordance with the standard specified above, and shall be entitled to advice of counsel concerning all matters of trusts hereof and duties hereunder, and may in all cases pay such reasonable compensation to all such attorneys, agents, receivers and employees as may reasonably be employed in connection with the trusts hereof. The Trustee may act upon the opinion or advice of any attorney (who

may be the attorney or attorneys for the University), approved by the Trustee in the exercise of reasonable care. The Trustee shall not be responsible for any loss or damage resulting from any action or non-action in good faith in reliance upon such opinion or advice.

(b) Except for its certificate of authentication on the Bonds, the Trustee shall not be responsible for any recital herein or in the Bonds (which recital shall be deemed to be made solely by the University), or for the validity or priority of this agreement or for the validity of the execution by the University of this Agreement or of any Supplemental Trust Agreements or instruments of further assurance, or for the sufficiency of the security for the Bonds issued hereunder or intended to be secured hereby, and, except as provided in the Trust Agreement, the Trustee shall not be responsible for the deposit, application or expenditure of the proceeds of the Bonds, for the construction, maintenance or operation of the University Facilities financed in whole or in part from the proceeds of Bonds, or for the deposit of General Receipts into the Bond Pledge Fund, all of which shall be deemed covenants and responsibilities of the University, and the Trustee shall not be bound to ascertain or inquire as to the correctness of any information, statements, reports, or certificates furnished or to be furnished it by the University or as to the performance or observance of any covenants, conditions or agreements on the part of the University under the Trust Agreement, but the Trustee may require of the University full information and advice as to the performance of the covenants, conditions and agreements aforesaid.

(c) The Trustee shall be protected in acting upon any notice, request, consent, certificate, report, order, budget, affidavit, letter, telegram, or other paper or document believed to be genuine and correct and to have been signed or sent by the proper person or persons, provided, however, that in the case of any such item which by any provision of the Trust Agreement is required to be furnished to the Trustee, the Trustee shall be under a duty to examine the same to determine whether or not it conforms to the requirements of this Agreement. Any action taken by the Trustee pursuant to the Trust Agreement upon the request or authority or consent of any person who at the time of making such request or giving such authority or consent is the holder of any Bond, shall be conclusive and binding upon all future holders of the same Bond and upon Bonds issued in exchange therefor or in place thereof.

(d) As to the existence or non-existence of any fact or as to the sufficiency or validity of any instrument, report, paper or proceedings, the Trustee shall be entitled to rely upon a certificate signed on behalf of the

University or the Board by an Authorized Officer thereof, or on behalf of any governmental agency by the officer, or an assistant thereto, having charge of the appropriate records, as sufficient evidence of the facts therein contained: and prior to the occurrence of an event of default of which the Trustee has notice the Trustee shall also be at liberty to accept a similar certificate to the effect that any particular dealing, transaction or action is necessary or expedient, but may at its discretion obtain such further evidence deemed necessary or advisable, but shall in no case be bound to secure the same. The Trustee may accept a certificate of the officer, or an assistant thereto, having charge of the appropriate records to the effect that legislation in the form therein set forth has been enacted by the University, the Board or any governmental agency as conclusive evidence that such legislation has been duly adopted and is in full force and effect.

(e) The permissive right of the Trustee to do things enumerated in this Agreement shall not be construed as a duty and the Trustee, subject to the above provisions of this Article, shall not be answerable for other than its negligence, bad faith or willful default.

(f) Except as may be expressly required by law or the Trust Agreement, the Trustee shall not be required to give any bond or surety in respect of the execution of the said trusts and powers or otherwise in respect of the premises.

(g) Notwithstanding anything elsewhere in this Agreement contained, the Trustee shall have the right, but shall not be required, to demand, in respect of the authentication of any Bonds, or any action whatsoever within the purview of the Trust Agreement, any showings, certificates, reports, opinions, or other information, or corporate action or evidence thereof, in addition to that by the terms hereof required as a condition of such action by the Trustee, deemed by it desirable for the purpose of establishing the right of the University to the authentication of any Bonds, or the taking of any other action by the Trustee.

(h) Before taking action under Section 6.03 of Article VII hereof, the Trustee may require that a satisfactory indemnity bond be furnished for the reimbursement of all expenses to which it may be put and to protect it against all liability, except liability which is adjudicated to have resulted from its negligence, bad faith or willful default by reason of any action so taken. The Trustee may, however, take such action without such indemnity, and in such case the University shall reimburse the Trustee for all such expense to which it may be put, from General Receipts available therefor.

(i) Unless otherwise provided in the Trust Agreement, all moneys received by the Trustee under the Trust Agreement shall, until used or applied as therein provided, be held in trust for the purpose for which they were received but need not be segregated from other funds except to the extent required by the Trust Agreement or by law. The Trustee shall not be under any liability for interest on any moneys received by it under the Trust Agreement except such as may be provided in the Trust Agreement or otherwise agreed upon with the University, and except to the extent that such interest, if any, is paid on similar deposits.

**Section 6.02. Fees, Charges and Expenses of Trustee and Paying Agents.** Subject to any contract with the University, the Trustee shall be entitled to payment and/or reimbursement for reasonable fees for its services as Trustee rendered hereunder and also all its reasonable expenses, charges and other disbursements and those of its attorneys, agents and employees incurred in and about the administration and execution of the trusts hereby created and the performance of its powers and duties hereunder as Trustee. The Trustee and any Paying Agent shall be entitled to payment and reimbursement for the reasonable fees and charges as, respectively, Paying Agent and Bond Registrar, and Paying Agent, for the Bonds and coupons as hereinabove provided. Payment or reimbursement under this Section shall be from General Receipts available therefor.

**Section 6.03. Intervention by Trustee.** In any judicial proceeding to which the University or any governmental agency is a party and which in the opinion of the Trustee and its attorney has a substantial bearing on the interests of holders of the Bonds, the Trustee may intervene on behalf of bondholders and shall do so if requested in writing by the holders of at least twenty-five percent of the aggregate principal amount of Bonds then outstanding. The rights and obligations of the Trustee under this Section are subject to the approval of such intervention by a court of competent jurisdiction.

**Section 6.04. Successor Trustee.** Any corporation into which the Trustee may be converted or merged, or with which it or any successor to it may be consolidated, or to which it may sell or transfer its assets and trust business as a whole or substantially as a whole, or any corporation resulting from any such conversion, sale, merge, consolidation or transfer to which it is a party, *ipso facto*, shall be and become successor Trustee hereunder and vested with all the trusts, powers, duties, discretions, immunities, privileges and all other matters as was its predecessor, without the execution or filing of any instrument or any further act on the part of any of the parties hereto, anything herein to the contrary notwithstanding; provided, however, that any such successor Trustee shall be a corporate trustee which may be a trust company or a bank having the powers of a trust company within or without the State of Ohio but authorized to exercise trust powers within Ohio.

Section 6.05. **Resignation of the Trustee.** The Trustee may at any time resign from the trusts hereby created by giving written notice to the University and to the Original Purchasers of each series of Bonds not less than sixty days before such resignation is to take effect, and by publishing such notice at least once, in the same manner as provided for in Section 4 of the General Bond Resolution for publication of notice of call for redemption, not less than forty-five days before such resignation is to take effect, but such resignation shall take effect immediately upon the appointment pursuant to Section 6.07 hereof of a successor Trustee if such successor Trustee shall be appointed before the time stated in such notice and shall then accept the trusts hereof.

Section 6.06. **Removal of the Trustee.** The Trustee may be removed at any time by an instrument or concurrent instrument in writing delivered to the Trustee and to the University and signed by or on behalf of the holders of not less than a majority in aggregate principal amount of Bonds then outstanding.

Section 6.07. **Appointment of Successor Trustee.** In case the Trustee shall resign or be removed, or be dissolved, or otherwise become incapable of acting hereunder, or in case it shall be taken under the control of any public officer or officers, or of a receiver appointed by a court, a successor shall be appointed by the University; provided that following ten days after the notice of resignation or instrument of removal is delivered as provided in Sections 6.05 and 6.06, respectively, or the Trustee is dissolved, taken under control or otherwise incapable of action as above provided, then the holders of a majority in aggregate principal amount of Bonds then outstanding, by an instrument or concurrent instruments in writing signed by or on behalf of such holders, may designate a successor Trustee unless prior to the filing of such instrument so signed with the University a successor Trustee shall have been appointed by the University. Every such successor Trustee appointed pursuant to the provisions of this Section shall have the same qualifications as provided for a successor Trustee in Section 6.04 hereof and, in addition, shall have a reported capital and surplus of not less than \$10,000,000 and shall be willing to accept the trusteeship under the terms and conditions of the Trust Agreement.

Section 6.08. **Concerning any Successor Trustee.** Every successor Trustee appointed hereunder shall execute, acknowledge and deliver to its predecessor and also to the University, with a copy to the Original Purchasers of each series of the Bonds, an instrument in writing accepting such appointment hereunder, and thereupon such successor without any further act shall become fully vested with all the rights, powers, trusts, duties and obligations of its predecessor; but such predecessor shall, nevertheless, on the written request of its successor or of the University, execute and deliver an instrument transferring to such successor Trustee all the rights, powers and trusts of such predecessor hereunder. Should any instrument in writing from the University be required by any successor Trustee for more fully and certainly vesting in such successor the rights, powers and duties hereby vested or intended to be vested in the predecessor any and all such instruments in writing shall, on request, be executed, acknowledged, and delivered by the University.

**Section 6.09. Trustee Protected in Relying Upon Resolutions, etc.** The resolutions, opinions, reports, certificates and other instruments provided for in the Trust Agreement may be accepted by the Trustee as conclusive evidence of the facts and conclusions stated therein and shall be full warrant, protection and authority to the Trustee for its actions taken hereunder.

**Section 6.10. Trustee as Paying Agent and Bond Registrar; Bondholder List.** The Trustee is hereby designated and agrees to act as Bond Registrar for and in respect to the Bonds to the extent provided in the Trust Agreement, and as Paying Agent for any series of Bonds for which it is designated Paying Agent pursuant to the Trust Agreement or the applicable Series Resolution.

To the extent that such information shall be made known to the Trustee or the University under the terms of this paragraph, the University will keep on file at the Trustee's office a list of names and addresses of the last known holders of all Bonds payable to bearer and believed to be held by each of such last known holders. Any bondholder may request that his name and address be placed on said list by filing a written request with the Trustee or the University, which request shall include a statement of the principal amount, series designation and the identifying numbers of such Bonds. The University and the Trustee shall be under no responsibility with regard to the accuracy of said list. At reasonable times and under reasonable regulations established by the Trustee, said list may be inspected and copied by the University or by holders (or a designated representative thereof) of twenty-five percent or more in principal amount of Bonds then outstanding.

**Section 6.11. Successor Trustee as Custodian of Funds, Bond Registrar and Paying Agent.** In the event of a change in the office of Trustee, the predecessor Trustee which has resigned or been removed shall cease to be custodian of any funds it may hold pursuant to this Agreement, and cease, to the extent that it was such, to be Bond Registrar and Paying Agent for any of the Bonds and the successor Trustee shall become such custodian, Bond Registrar and Paying Agent.

**Section 6.12. Adoption of Authentication.** In case any of the Bonds contemplated to be issued hereunder shall have been authenticated but not delivered, any successor Trustee may adopt the certificate of authentication of the predecessor and deliver the said Bonds so authenticated as hereinabove provided; and in case any of such Bonds shall not have been authenticated, any successor Trustee may authenticate such Bonds either in the name of any predecessor or in its own name. In all such cases such certificate of authentication shall have the same force and effect as provided in the Bonds or in this Agreement with respect to the certificate of authentication of the Trustee.

**Section 6.13. Designation, Resignation, Removal and Succession of Paying Agents.** The Trustee and the other banks or trust companies, if any, designated as Paying Agent or Paying Agents in a Series Resolution shall be the Paying Agents for the applicable series of Bonds, and in the absence of such designation in a Series Resolution the Trustee shall be the sole Paying Agent for



Bonds authorized by such Series Resolution. A copy of the Agreement and of the Supplemental Trust Agreement relating to the applicable series of Bonds shall be filed with each Paying Agent therefor, and the terms and provisions of such agreements shall, to the extent they refer to powers, duties and responsibilities of Paying Agents, be deemed to be part of the paying agency Agreement.

Any bank or trust company with or into which any Paying Agent, except the Trustee, may be merged or consolidated, or to which the assets and business of such Paying Agent may be sold, shall be deemed the successor of such Paying Agent for the purposes of this Agreement.

Any Paying Agent, except the Trustee, may resign, and be discharged of its duties and obligations created by the Agreement by giving at least 120 days notice to the University, the Trustee, and the Original Purchasers of each series of Bonds for which it is the Paying Agent. Any Paying Agent may be removed at any time by an instrument, signed on behalf of the University and approved by the Trustee, filed with such Paying Agent, the Trustee, and the Original Purchasers of the Bonds for which such Paying Agent is the Paying Agent, or by an instrument in writing signed by the owners of at least a majority in principal amount of the outstanding Bonds for which such Paying Agent is the Paying Agent and filed with the University, the Trustee, and the Original Purchasers of each such series of Bonds.

If the position of Paying Agent shall become vacant for any reason, the University shall, within thirty days thereafter, appoint a bank or trust company located in the same city as such Paying Agent to fill such vacancy; provided, however, that if the University shall fail to appoint such Paying Agent within said period, the Trustee shall make such appointment. Notice of the appointment of such Paying Agent shall be given by the Trustee to the Original Purchasers of the series of Bonds affected thereby and to the holders of coupon Bonds of such series as their names appear on the list of bondholders provided for in Section 6.10 hereof.

The Paying Agents shall enjoy the same protection provisions in the performance of their duties hereunder as are specified in Section 6.01 with respect to the Trustee, insofar as such provisions may be applicable.

**Section 6.14. Trustee and Paying Agents May Deal in Bonds.** The Trustee and Paying Agents, and any of their directors, officers, employees, or agents, may in good faith become the owner of Bonds and coupons secured hereby with the same rights which it or they would have hereunder if the Trustee or Paying Agent were not such.

## ARTICLE VII

### DEFAULT PROVISIONS AND REMEDIES OF TRUSTEE AND BONDHOLDERS

**Section 7.01. Events of Default.** The following events shall be events of default under this Agreement:

- (a) Failure to pay interest on any Bond, when and as the same shall have become due and payable, and such failure shall have continued for a period of thirty days;

(b) Failure to pay the principal (and redemption premium, if any) of any Bond, when and as the same shall have become due and payable, whether at maturity or by acceleration by call for redemption, and such failure shall have continued for a period of thirty days;

(c) Failure to perform or observe duly or punctually any other covenant, condition or agreement contained in the Bonds or the Trust Agreement and to be performed by the University, which failure shall have continued for a period of ninety days after the notice described below.

The notice referred to in this Section 7.01 is written notice specifying the default and requiring same to be remedied, given to the University by the Trustee, which may give such notice in its discretion and shall give such notice at the written request of the holders of not less than ten per centum of the Bonds then outstanding.

**Section 7.02. Acceleration.** In case an event of default shall have occurred and at any time during the continuance of such event of default, the Trustee may, and upon the written request of the holders of at least twenty-five per centum in principal amount of the Bonds then outstanding shall, by notice in writing to the University, declare the principal of all the Bonds then outstanding (if not then due and payable) and the interest accrued thereon to be due and payable immediately, and, upon such declaration, such principal and interest shall become and be immediately due and payable.

The provisions of the above paragraph are subject, however, to the condition that if at any time after such principal and interest shall have been so declared due and payable and prior to the entry of judgment in a court of law or equity for enforcement hereunder or the appointment of a receiver hereunder, all sums payable under the Trust Agreement except the principal of, and interest accrued after the next preceding interest payment date on, the Bonds which have not reached their stated maturity dates and which are due and payable solely by reason of such declaration, plus interest (to the extent permitted by law) on any overdue installments of interest at the rate borne by the Bonds in respect of which such event of default shall have occurred, shall have been duly paid or provided for by deposit with the Trustee or Paying Agents and all existing defaults shall have been made good, then and in every such case such payment or provisions for payment shall *ipso facto* constitute a waiver of such event of default and its consequences and an automatic rescission and annulment of such declaration under the above paragraph, but no such waiver and rescission shall extend to or affect any such subsequent event of default or impair any rights consequent thereon.

**Section 7.03. Enforcement of Rights Under Agreement.** Upon the happening and continuance of any event of default specified in Section 7.01 of this Agreement, then and in every such case the Trustee may proceed, and upon the written request of the holders of not less than ten per centum in principal amount of the Bonds then outstanding hereunder shall proceed, subject to the provisions of Section 6.01 of this Agreement, to protect and enforce its rights and the rights of

the bondholders under this Agreement by such suits, actions or special proceedings in equity or at law, either for the specific performance of any covenant or agreement contained herein or in aid or execution of any power herein granted or for the enforcement of any proper legal or equitable remedy, as the Trustee, being advised by counsel, shall deem most effective to protect and enforce such rights.

In the enforcement of any remedy under this Agreement the Trustee shall be entitled to sue for, enforce payment of and receive any and all amounts then or during any default becoming due, and at any time remaining unpaid, on account of principal, interest or otherwise under any of the provisions of this Agreement or of the Bonds, with interest on overdue payments at the rate or rates of interest specified in such Bonds, together with any and all costs and expenses of collection and of all proceedings hereunder and under such Bonds, without prejudice to any other right or remedy of the Trustee or of the bondholders, and to recover and enforce judgment or decree against the University, but solely as provided herein and in such Bonds, for any portion of such amounts remaining unpaid, with interest, costs and expenses, and to collect (but solely from the General Receipts and the special funds and accounts from which the Bonds are payable) in any manner provided by law, the moneys adjudged or decreed to be payable.

In the event of the occurrence of an event of default as defined in subparagraphs (a) or (b) of Section 7.01 hereof, the Trustee may apply to a court having jurisdiction of the cause to appoint a receiver, who may be the Trustee, to receive and administer the General Receipts and the Bond Pledge Fund, with full power to pay and to provide for payment of Bond service charges, and with such powers, subject to the discretion of the court, as are accorded receivers in general equity cases, excluding any power to pledge additional revenues or receipts or other income or moneys of the University to the payment of such Bond service charges, and excluding the power to take possession of, mortgage or cause the sale or otherwise dispose of any University Facilities or other capital facilities of the University.

The holders of not less than two-thirds in principal amount of the Bonds then outstanding hereunder shall have the right at any time, by an instrument in writing executed and delivered to the Trustee, to direct the method and place of conducting any and all remedial proceedings under this Agreement; provided that such direction shall not be otherwise than in accordance with the provisions of law or of this Agreement, and provided that the Trustee shall be indemnified to its satisfaction; and the Trustee shall be fully protected in acting upon and in accordance with any instrument or instruments in writing as executed by the holders of not less than two-thirds in principal amount of the Bonds at the time outstanding.

No remedy by the terms of this Agreement conferred upon or reserved to the Trustee (or to the holders of the Bonds or coupons) is intended to be exclusive of any other remedy, but each and every such remedy shall be cumulative and shall be in addition to any other remedy given to the Trustee or to the holders of the Bonds hereunder or now or hereafter existing.

No delay or omission to exercise any right or power accruing upon any default or event of default shall impair any such right or power or shall be construed to be a waiver of any such default or event of default or acquiescence therein; and every such right and power may be exercised from time to time and as often as may be deemed expedient.

**Section 7.04. Effect of Abandonment of Any Proceeding or Recovery of Judgment.** In case any proceeding taken by the Trustee on account of any event of default shall have been discontinued or abandoned for any reason, then and in every such case the University, the Trustee and the bondholders shall be restored to their former positions and rights hereunder, respectively, and all rights, remedies, powers and duties of the Trustee shall continue as though no such proceeding had been taken.

No recovery of any judgment by the Trustee, and no levy of any execution under any judgment hereunder, shall affect in any manner or to any extent the rights and duties provided for in this Agreement or any part thereof, or any rights, powers or remedies of the Trustee hereunder, or any rights, powers or remedies of the holders of the Bonds, but such rights, powers and remedies of the Trustee and of the holders of the Bonds shall continue unimpaired as before.

**Section 7.05. Remedial Action in Name of Trustee Without Ownership of Bonds.** All rights of action under this Agreement and under any of the Bonds and coupons may be enforced by the Trustee without possession of any of the Bonds or coupons and without production thereof at any trial or other proceedings relative thereto. Any such suit or proceeding instituted by the Trustee shall be brought in its name as Trustee, and any recovery of judgment shall be for the benefit of the holders of the Bonds outstanding hereunder and the coupons thereto appertaining, subject, however, to the provisions of this Agreement, including Section 5.01 hereof.

**Section 7.06. Waivers of Events of Default.** At any time the Trustee may in its discretion waive any event of default hereunder and its consequences, and rescind any declaration of maturity of principal, and shall do so upon the written request of the holders of (1) at least a majority in aggregate principal amount of all the Bonds then outstanding in respect of which an event of default in the payment of Bond service charges exists, or (2) at least twenty-five percent in aggregate principal amount of all Bonds then outstanding in case of any other event of default. There shall not be so waived, however, any event of default described in subparagraphs (a) or (b) of Section 7.01 hereof, or any such declaration in connection therewith rescinded, unless at the time of such waiver or rescission payments of the amounts as provided in Section 7.02 hereof for waiver and automatic rescission in connection with acceleration of maturity have been made or provided for. In case of any such waiver or rescission, or in case any proceedings taken by the Trustee on account of any such event of default shall have been discontinued or abandoned or determined adversely, then and in every such case the University, the Trustee, and the bondholders shall be restored to their positions and rights hereunder respectively, but no such waiver or rescission shall extend to any subsequent or other event of default, or impair any right consequent thereon.

**Section 7.07. Remedial Action by Bondholders.** No holder of any Bond or coupon shall have any right to institute any suit, action or proceeding for the enforcement of this Trust Agreement or for the execution of any trust thereof or for the appointment of a receiver or any other remedy hereunder unless (a) an event of default has occurred, (b) such holder shall previously have given to the Trustee written notice of such event of default, (c) the holders of at least twenty-five percent in aggregate principal amount of Bonds then outstanding shall have made written request to the Trustee and shall have afforded the Trustee reasonable opportunity to proceed to exercise the powers hereinbefore granted or to institute such action, suit or proceeding in its own name and have also offered to the Trustee indemnity as provided in Section 6.01 hereof, and (d) the Trustee shall thereafter fail or refuse to exercise the powers hereinbefore granted, or to institute such action, suit or proceeding in its own name; and such notification, request and offer of indemnity are hereby declared in every case to be, at the option of the Trustee, conditions precedent to the execution of the powers and trusts of the Trust Agreement, and to any action or cause of action for the enforcement of the Trust Agreement, or for the appointment of a receiver or for any other remedy hereunder; it being understood and intended that no one or more holders of the Bonds or coupons shall have any right in any manner whatsoever to affect, disturb or prejudice the benefit of the Trust Agreement by its, his, or their action or to enforce any right hereunder except in the manner herein provided and that proceedings shall be instituted, had and maintained in the manner herein provided and for the benefit of the holders of all Bonds then outstanding. Subject to the foregoing, each bondholder shall have a right of action to enforce the payment of the principal of and interest on any Bond held or owned by him at and after the maturity thereof at the place, from the sources and in the manner in said Bond expressed.

**Section 7.08. Application of Moneys.** All moneys received by the Trustee or a receiver pursuant to any right given or action taken under the provisions of this Article shall, subject to any provisions made pursuant to Sections 10 or 11 of the General Bond Resolution or to Sections 3.04 or 4.01 hereof, after payment of the cost and expenses, liabilities and advances incurred or made by the Trustee or receiver, be applied as follows:

(a) Unless the principal of all the Bonds shall have become or have been declared due and payable pursuant to this Article, all such moneys shall be applied:

First: To the payment to the persons entitled thereto of all installments of interest then due on the Bonds, in the order of the maturity of the installments of such interest and beginning with the earliest such maturity, and, if the amount available shall not be sufficient to pay in full any particular installment, then to the payment thereof ratably, according to the amounts due on such installment, to the persons entitled thereto,

without any discrimination or privilege except as to any difference in the respective rates of interest specified in the Bonds; and

Second: To the payment to the persons entitled thereto of the unpaid principal of any of the Bonds which shall have become due (other than Bonds previously called for redemption for the payment of which moneys are held pursuant to the provisions of this Agreement), whether at maturity or by call for redemption, in order of their due dates and beginning with the earliest such due date, with interest on such Bonds from the respective dates upon which they became due and if the amount available shall not be sufficient to pay in full all Bonds due on any particular date, together with such interest, then to the payment thereof ratably, according to the amount of principal due on such date, to the persons entitled thereto without any discrimination or privilege.

(b) If the principal of all the Bonds shall have become due or shall have been declared due and payable pursuant to this Article, all such moneys shall be applied to the payment of the principal and interest then due and unpaid upon the Bonds, without preference or priority of principal over interest or of interest over principal, or of any installment of interest over any other installment of interest, or of any Bond over any other Bond, ratably, according to the amounts due respectively for principal and interest, to the persons entitled thereto without any discrimination or privilege except as to any difference in the respective rates of interest specified in the Bonds.

(c) If the principal of all the Bonds shall have been declared due and payable pursuant to this Article, and if such declaration shall thereafter have been rescinded and annulled under the provisions of Sections 7.02 or 7.06 hereof, then, subject to the provisions of subsection (b) of this Section in the event that the principal of all the Bonds shall later become due and payable, the moneys shall be applied in accordance with the provisions of subsection (a) of this Section.

Whenever moneys are to be applied pursuant to the provisions of this Section, such moneys shall be applied as provided in this Section at such times, and from time to time, as the Trustee shall determine, having due regard to the amount of such moneys available for application and the likelihood of additional moneys becoming available for such application in the future. Whenever the Trustee shall direct the application of such funds, it shall fix the date (which shall be

an interest payment date unless it shall deem another date more suitable) upon which such application is to be made and upon such date interest on the amounts of principal to be paid on such dates, and for which moneys are available, shall cease to accrue. The Trustee shall give such notice as it may deem appropriate of the deposit of any such moneys and of fixing of any such date, and the Trustee shall not be required to direct payment to the holder of any unpaid coupon or any Bond until such coupon or such Bond and all unmatured coupons, if any, appertaining to such Bond shall be presented to the Trustee for appropriate endorsement or for cancellation if fully paid.

The above subsections (a), (b) and (c) of this Section and the next preceding paragraph thereof, shall apply to the application of General Receipts received by any receiver appointed and acting pursuant to Section 7.03 hereof.

The provisions of this Section are in all respects subject to the provisions of Section 5.01 hereof.

Whenever all Bonds and interest thereon have been paid under the provisions of this Section, and all expenses and charges of the Trustee and Paying Agents and all other expenses payable under the Trust Agreement have been paid, any balance remaining in the Bond Service Fund or other special funds or accounts shall be paid to the University.

## ARTICLE VIII

### SUPPLEMENTAL TRUST AGREEMENTS

#### **Section 8.01. Supplemental Trust Agreements Not Requiring Consent of Bondholders.**

The University and the Trustee may without the consent of, or notice to, any of the bondholders enter into agreements supplemental to the Trust Agreement as shall not, in the opinion of the University and the Trustee, be inconsistent with the terms and provisions hereof for any one or more of the following purposes: (i) to cure any ambiguity, inconsistency or formal defect or omission in the Trust Agreement; (ii) to grant to or confer upon the Trustee for the benefit of the bondholders any additional rights, remedies, powers, or authority that may lawfully be granted to or conferred upon the bondholders or the Trustee; (iii) to subject additional revenues or receipts to the lien and pledge of the Trust Agreement; (iv) to add to the covenants and agreements of the University contained in the Trust Agreement other covenants and agreements thereafter to be observed for the protection of the bondholders, or to surrender or limit any right, power or authority reserved to or conferred upon the University in the Trust Agreement, including the limitation of rights of redemption so that in certain instances Bonds of different series will be redeemed in some prescribed relation to one another; (v) to evidence any succession to the University and the assumption by such successor of the covenants and agreements of the University contained in the Trust Agreement and the Bonds; and (vi) in connection with the issuance of Bonds in accordance with Section 3 of the General Bond Resolution and Section 2.02 of the Agreement.

#### **Section 8.02. Supplemental Trust Agreements Requiring Consent of Bondholders.**

Exclusive of Supplemental Trust Agreements referred to in Section 8.01 hereof and subject to the terms and provisions and limitations contained in this Section, and not otherwise, the holders of not

less than two-thirds in aggregate principal amount of the Bonds then outstanding shall have the right, from time to time, anything contained in the Trust Agreement to the contrary notwithstanding, to consent to and approve the execution by the University and the Trustee of such other agreement or agreements supplemental to the Trust Agreement as shall be deemed necessary and desirable by the University for the purpose of modifying, altering, amending, adding to or rescinding, in any particular, any of the terms or provisions contained in the Trust Agreement; provided, however, that nothing in this Section or elsewhere in the Trust Agreement shall permit, or be construed as permitting (i) an extension of the maturity of the principal of or the interest on any Bond, or a reduction in the principal amount of any Bond or the rate of interest or redemption premium thereon, or a reduction in the amount or extension of the time of any payment required by any mandatory sinking fund requirements, without the consent of the holder of each Bond so affected, or (ii) a reduction in the aggregate principal amount of the Bonds required for consent to such Supplemental Trust Agreement without the consent of the holders of all of the Bonds then outstanding.

Bonds owned or held by or for the account of the University shall not be deemed outstanding for the purpose of consent or other action or any calculation of outstanding Bonds provided for in this Section, and the University shall not be entitled with respect to such Bonds to give any consent or take any other action provided for in this Section. At the time of any consent or other action taken under this Section, the University shall furnish the Trustee a certificate of an Authorized Officer of the University, upon which the Trustee may rely, describing all Bonds so to be excluded.

If at any time the University shall request the Trustee to enter into any such Supplemental Trust Agreement for any of the purposes of this Section, the Trustee shall, upon being satisfactorily indemnified with respect to expenses, cause notice of the proposed execution of such Supplemental Trust Agreement to be published as shall be requested by the University and in any event at least one time in a newspaper or financial journal of national circulation published in the City and State of New York. If, because of temporary or permanent suspension of publication or circulation of newspapers or financial journals of national circulation published in the City and State of New York, or for any other reason it is impossible or impractical to publish such notice in the manner herein provided, then such publication in lieu thereof as shall be made with the approval of the Trustee shall constitute a sufficient publication of notice. On or before the date of the first publication of such notice, the Trustee shall also cause a similar notice to be mailed, postage prepaid, to the Original Purchasers of each series of Bonds, to all registered holders of Bonds then outstanding at their addresses as they appear on the registration books herein provided for, and to all other bondholders whose names and addresses appear on the list of bondholders provided for in Section 6.10 hereof. The Trustee shall not, however, be subject to any liability to any bondholder by reason of its failure to mail, or the failure of such bondholder to receive, the notice required by



this Section, and any such failure shall not affect the validity of such Supplemental Trust Agreement when consented to and approved as provided in this Section. Such notice shall briefly set forth the nature of the proposed Supplemental Trust Agreement and shall state that copies thereof are on file at the office of the Trustee for inspection by all bondholders.

If within such period, not exceeding one year, as shall be prescribed by the University, following the first publication of such notice, the Trustee shall receive an instrument or instruments purporting to be executed by the holders of not less than two-thirds in aggregate principal amount of the Bonds then outstanding which instrument or instruments shall refer to the proposed Supplemental Trust Agreement described in such notice and shall specifically consent to and approve the execution thereof in substantially the form of the copy thereof referred to in such notice as on file with the Trustee, thereupon, but not otherwise, the Trustee shall execute such Supplemental Trust Agreement in substantially such form, without liability or responsibility to any holder of any Bond, whether or not such holder shall have consented thereto.

Any such consent shall be binding upon the holder of the Bond giving such consent and, anything in Section 10.01 to the contrary notwithstanding, upon any subsequent holder of such Bond and of any Bond issued in exchange therefor (whether or not such subsequent holder thereof has notice thereof), unless such consent is revoked in writing by the holder of such Bond giving such consent or by a subsequent holder thereof by filing with the Trustee, prior to the execution by the Trustee of such Supplemental Trust Agreement, such revocation and, if such Bond or Bonds are transferable by delivery, proof that such Bonds are held by the signer of such revocation in the manner permitted by Section 10.01. At any time after the holders of the required percentage of Bonds shall have filed their consents to the Supplemental Trust Agreement, the Trustee shall make and file with the University a written statement that the holders of such required percentage of Bonds have filed such consents. Such written statement shall be conclusive that such consents have been so filed.

If the holders of the required percentage in aggregate principal amount of the Bonds outstanding shall have consented to and approved the execution thereof as herein provided, no holder of any Bond shall have any right to object to the execution of such Supplemental Trust Agreement, or to object to any of the terms and provisions contained therein or the operation thereof, or in any manner to question the propriety of the execution thereof, or to enjoin or restrain the Trustee or the University from executing the same or from taking any action pursuant to the provisions thereof.

**Section 8.03. Authorization to Trustee; Effect of Supplement.** The Trustee is authorized to join with the University in the execution of any such Supplemental Trust Agreement provided for in this Article and to make the further agreements and stipulations which may be contained therein. Any Supplemental Trust Agreement executed in accordance with the provisions of this Article shall thereafter form a part of the Trust Agreement; all the terms and conditions

contained in any such Supplemental Trust Agreement as to any provision authorized to be contained therein shall be and shall be deemed to be part of the terms and conditions of the Trust Agreement for any and all purposes; this Agreement shall be and be deemed to be modified and amended in accordance therewith; and the respective rights, duties and obligations under this Agreement of the University, the Trustee, Paying Agents and all holders of Bonds then outstanding shall thereafter be determined, exercised and enforced thereunder, subject in all respects to such modifications and amendments. Express reference to such executed Supplemental Trust Agreement may be made in the text of any Bonds issued thereafter, if deemed necessary or desirable by the Trustee or the University. A copy of any Supplemental Trust Agreement provided for in this Article, except such as may be entered into pursuant to clause (vi) of Section 8.01 hereof, shall be mailed by the Trustee to the Original Purchasers of each and every series of Bonds affected thereby.

**Section 8.04. Opinion of Counsel.** The Trustee shall be entitled to receive, and shall be fully protected in relying upon, the opinion of any counsel approved by it, who may be counsel for the University, as conclusive evidence that any such proposed Supplemental Trust Agreement complies with the provisions of this Agreement, and that it is proper for the Trustee, under the provisions of this Article, to join in the execution of such Supplemental Trust Agreement.

**Section 8.05. Modification by Unanimous Consent.** Notwithstanding anything contained elsewhere in this agreement, the rights and obligations of the University and of the holders of the Bonds and coupons, and the terms and provisions of the Bonds and coupons and this Agreement or any Supplemental Trust Agreement, may be modified or altered in any respect with the consent of the University and the consent of the holders of all of the Bonds then outstanding.

## ARTICLE IX

### DEFEASANCE

**Section 9.01. Release of Agreement.** If the University shall pay or cause to be paid, or there shall otherwise be paid, to the holders of the outstanding Bonds and coupons all Bond service charges due or to become due thereon, and provision shall also be made for paying all other sums payable hereunder by the University, then and in that event the Trust Agreement shall cease, determine and become null and void, and the covenants, agreements and other obligations of the University hereunder shall be discharged and satisfied, and thereupon the Trustee shall execute and deliver to the University such instruments to evidence such release and discharge as may be reasonably required by the University, and the Trustee and Paying Agents shall assign and deliver to the University any funds at the time subject to the lien of the Trust Agreement which may then be in their possession except for such funds as are held by the Trustee and Paying Agents for the payment of Bond service charges on the Bonds, which funds shall be held and applied by the Trustee and the Paying Agents for the purposes as provided in this Agreement and which shall be transferred to the University at the times and with the effect as provided in Section 4.01 hereof.

**Section 9.02. Payment of Bond Service Charges.** All Bond service charges due or to become due on outstanding Bonds and coupons shall be deemed to have been paid or caused to be paid within the meaning of Section 9.01 hereof if:

(a) the Trustee and Paying Agents shall hold, in trust for and irrevocably committed thereto, sufficient moneys, or

(b) the Trustee shall hold, in trust for and irrevocably committed thereto, in the Bond Service Account, the Bond Service Reserve Account, the Bond Redemption and Purchase Account, or other accounts in the Bond Service Fund, direct obligations of the United States certified by an independent public accounting firm of national reputation to be of such maturities and interest payment dates and to bear such interest as will, without further investment or reinvestment of either the principal amount thereof or the interest earnings therefrom (likewise to be held in trust and committed, except as hereinafter provided), be sufficient together with moneys referred to in (a) above,

for the payment, at their maturity or redemption date, of all Bond service charges thereon to the date of maturity or redemption, as the case may be, or if default in such payment shall have occurred on such date then to the date of the tender of such payment; provided, that if any Bonds are to be redeemed prior to the maturity thereof, notice of such redemption shall have been duly given or irrevocable provision satisfactory to the Trustee shall have been duly made for the giving of such notice. Any moneys held by the Trustee in accordance with the provisions of this paragraph shall be invested only in direct obligations of the United States the maturities or redemption dates of which, at the option of the holder, shall coincide as nearly as practicable with, but not later than, the time or times at which said moneys will be required for the aforesaid purposes. Any income or interest earned by, or increment to, the investments held under this paragraph shall, to the extent not required for the purposes of this Section, be transferred to the University free of any trust or lien.

In the event that the Trust Agreement is satisfied and discharged in accordance with this Section and Section 9.01 hereof, all Bonds then outstanding and appurtenant coupons shall cease to be entitled to any lien, benefit or security of this Agreement except the right to receive the funds held by the Trustee and the Paying Agents pursuant to this Section or by the University pursuant to Section 4.01 hereof, and such Bonds and coupons shall be deemed not to be outstanding hereunder, and it shall be the duty of the Trustee and Paying Agents and the University to so hold such funds for the benefit of the holders of such Bonds and coupons.

Whenever moneys held to the credit of the Bond Service Fund shall be sufficient for the satisfaction and discharge of the Agreement in accordance with this Article, the Trustee shall, upon request of the University, but subject to any limitations on the use of such funds pursuant to Section 11 of the General Bond Resolution or any other provision of this Agreement, endeavor to purchase for retirement and cancellation Bonds or portions of Bonds, whether or not such Bonds shall then be subject to redemption, on the most advantageous terms obtainable with reasonable diligence, having regard to interest rate and price, such price not to exceed the principal amount

thereof and the interest accrued thereon to the date of payment therefor plus the amount of the redemption premium, if any, held with respect to such Bonds or portions of Bonds. No such purchase shall be made by the Trustee within the period of seventy days next preceding any interest payment date.

## ARTICLE X MISCELLANEOUS

Section 10.01. **Instruments of Bondholders.** Any consent, request, direction, approval, objection or other instrument required by the Trust Agreement to be signed and executed by the bondholders may be in any number of concurrent writings of similar tenor and may be signed or executed by such bondholders in person or by agent appointed in writing. Proof of the execution of any such instrument or of the writing appointing any such agent and of the ownership of Bonds, if made in the following manner, shall be sufficient for any of the purposes of the Trust Agreement, and shall be conclusive in favor of the Trustee with regard to any action taken under such instrument, namely:

(a) The fact and date of the execution by any person of any such writing may be proved by the certificate of any officer in any jurisdiction who by law has power to take acknowledgments within such jurisdiction that the person signing such writing acknowledged before him the execution thereof, or by affidavit of any witness to such execution.

(b) The fact of the holding by any person of Bonds and/or coupons transferable by delivery and the amounts and numbers of such Bonds, and the date of the holding of the same, may be proved by a certificate executed on behalf of any trust company or bank, wherever situated, by an officer thereof, stating that at the date thereof the party named therein did exhibit to such officer of such trust company or bank as the property of such party, the Bonds and/or coupons therein mentioned, if such certificate shall be deemed by the Trustee to be satisfactory. In lieu of the foregoing the Trustee may accept other proofs of the foregoing it shall deem appropriate. For all purposes of this Agreement and of the proceedings for the enforcement hereof, such person shall be deemed to continue to be the holder of such Bond until the Trustee shall have received notice in writing to the contrary. The fact of ownership of Bonds registered as to principal (except to bearer) shall be proved by the registration books maintained by the Bond Registrar.

Nothing contained herein shall be construed as limiting the Trustee to such proof, it being intended that the Trustee may accept any other evidence of the matter herein stated which it deems to be sufficient. Any request or consent of the holder of any Bond shall bind every future holder of the same Bond, and any coupons appertaining thereto, in respect to anything done or suffered to be done by the University, the Trustee or any Paying Agent in pursuance of such request or consent.

**Section 10.02. Limitation of Rights.** With the exception of rights herein expressly conferred, nothing expressed or mentioned in or to be implied from the Trust Agreement or the Bonds is intended or shall be construed to give to any person other than the parties hereto and the holders of the Bonds and coupons any legal or equitable right, remedy or claim under or in respect to this Agreement or any covenants, conditions and provisions herein contained; this Agreement and all of the covenants, conditions and provisions hereof being intended to be and being for the sole and exclusive benefit of the parties hereto and the holders of the Bonds and coupons as herein provided.

**Section 10.03. Severability.** In case any section or provision of the Trust Agreement, or in case any covenant, stipulation, obligation, agreement, act, or action, or part thereof, made, assumed, entered into, or taken under the Trust Agreement, or any application thereof, is for any reason held to be illegal or invalid, such illegality or invalidity shall not affect the remainder thereof or any other section or provision of the Trust Agreement or any other covenant, stipulation, obligation, agreement, act, or action, or part thereof, made, assumed, entered into, or taken under the Trust Agreement, which shall be construed and enforced as if such illegal or invalid portion were not contained therein, nor shall such illegality or invalidity or any application thereof affect any legal and valid application thereof, and each such section, provision, covenant, stipulation, obligation, agreement, act, or action, or part thereof, shall be deemed to be effective, operative, made, entered into or taken in the manner and to the full extent permitted by law.

**Section 10.04. Notices.** It shall be sufficient service or giving of any notice, request, complaint, demand or other paper if the same shall be duly mailed by registered or certified mail addressed as follows: if to the University, addressed to the President or the Fiscal Officer of the University; if to the Trustee, to the Trustee at its principal office. The University and the Trustee may, by notice given hereunder, designate any further or different addresses to which subsequent notices, certificates or other communications shall be sent.

**Section 10.05. Payments Due on Holidays.** In any case where the date of maturity of interest on or principal of the Bonds or the date fixed for redemption of any Bonds shall be a Sunday, a holiday or any other day on which the Trustee or any other Paying Agent is authorized or not prohibited by law to close and is closed, then payment of such interest or principal and any redemption premium need not be made by such Paying Agent on such date but may be made on the next succeeding business day on which such Paying Agent is open for business with the same force and effect as if made on the date of maturity or the date fixed for redemption, and no interest shall accrue for the period after such date.

**Section 10.06. No Right to Levy of Excises or Taxes.** Nothing in the Trust Agreement shall be construed as giving the holders of the Bonds or coupons, or any of them, or the Trustee, the right, and they shall have no right, to have excises or taxes levied by the General Assembly of the State of Ohio for the payment of Bond service charges.

**Section 10.07. Extent of Covenants; No Personal Liability.** All covenants, stipulations, obligations and agreements of the University contained in the Trust Agreement shall be deemed to be covenants, stipulations, obligations and agreements of the University to the full extent authorized by the Act and permitted by the Constitution of Ohio. No such covenant, stipulation, obligation or agreement shall be deemed to be a covenant, stipulation, obligation or agreement of any present or future member, officer, agent or employee of the University or the Board in his individual capacity, and neither the members of the Board nor any official executing the Bonds shall be liable personally on the Bonds or be subject to any personal liability or accountability by reason of the issuance thereof.

**Section 10.08. Binding Effect.** This instrument shall inure to the benefit of and shall be binding upon the University and the Trustee and their respective successors and assigns, subject, however, to the limitations contained in the Trust Agreement.

**Section 10.09. Counterparts.** This Agreement may be executed in several counterparts, each of which shall be an original and all of which shall constitute but one and the same instrument.

**Section 10.10. Captions.** The captions or headings in this Agreement are for convenience only and in no way define, limit or describe the scope or intent or any provisions or sections of this Agreement.

IN WITNESS WHEREOF, the University has caused this Agreement to be executed by its duly Authorized Officers, and the seal of the University to be hereunto affixed, and The Huntington National Bank of Columbus, as Trustee, in token of its acceptance of the trusts created hereunder, has caused this Agreement to be executed in its name by its duly authorized officers and has caused its corporate seal to be hereunto affixed, all as of the day and year first above written, but actually on the dates of the respective acknowledgements.

THE OHIO STATE UNIVERSITY

(Seal)

By: \_\_\_\_\_  
Chairman, Board of Trustees

By: \_\_\_\_\_  
Secretary, Board of Trustees

THE HUNTINGTON NATIONAL BANK  
OF COLUMBUS, Trustee

(Seal)

By: \_\_\_\_\_  
Vice President

By: \_\_\_\_\_  
Assistant Secretary

STATE OF OHIO  
COUNTY OF FRANKLIN, SS.

On this            day of June, 1971, before me a Notary Public in and for said County and State personally appeared James W. Shocknessy and Edward Q. Moulton, the Chairman and the Secretary, respectively, of the Board of Trustees of The Ohio State University, and acknowledged the execution of the foregoing instrument, and that the same is their voluntary act and deed on behalf of said University and the voluntary act and deed of said University.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal on the day and year aforesaid.

Notary Public

(Seal)

STATE OF OHIO  
COUNTY OF FRANKLIN, SS.

On this \_\_\_\_\_ day of June, 1971, before me a Notary Public in and for said County and State personally appeared \_\_\_\_\_ and \_\_\_\_\_, Vice President and Assistant Secretary respectively, of The Huntington National Bank of Columbus, the bank which executed the foregoing instrument as Trustee, who acknowledged that the seal affixed to said instrument is the seal of said bank, that they did sign said instrument as such officers, respectively, for and on behalf of said bank and by authority granted in its rules and regulations and by its Board of Directors; that the same is their free act and deed as such officers, respectively, and the free act and deed of said The Huntington National Bank of Columbus.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my official seal on the day and year aforesaid.

Notary Public

(Seal)

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**\$4,500,000 General Receipts Bonds, Series 1971**

**FIRST SUPPLEMENTAL TRUST AGREEMENT**

**between**

**THE OHIO STATE UNIVERSITY**

**and**

**THE HUNTINGTON NATIONAL BANK OF COLUMBUS,**

**Trustee**

**Dated**

**as of**

**June 1, 1971**

-----  
**Supplementing Trust Agreement Dated June 1, 1971**

**Securing**

**THE OHIO STATE UNIVERSITY**

**GENERAL RECEIPTS BONDS**

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## **FIRST SUPPLEMENTAL TRUST AGREEMENT**

**Pertaining to**

**The Ohio State University**

**\$4,500,000 GENERAL RECEIPTS BONDS, SERIES 1971**

This First Supplemental Trust Agreement, dated as of the first day of June, 1971 (hereinafter called the "Supplement"), by and between The Ohio State University (hereinafter called the "University"), a state university of the State of Ohio created and existing under and by virtue of Chapter 3335 of the Ohio Revised Code, and The Huntington National Bank of Columbus, a bank organized and existing under and by virtue of the laws of the United States of America and duly authorized to exercise corporate trust powers in the State of Ohio, with its principal place of business located in Columbus, Ohio (hereinafter, with any successor, called the "Trustee"), as Trustee under the Trust Agreement hereinafter mentioned.

### **W I T N E S S E T H:**

WHEREAS, the University, pursuant to the General Bond Resolution adopted by its Board of Trustees (hereinafter called the "Board") on May 7, 1971, has entered into a Trust Agreement dated as of June 1, 1971 (of which the General Bond Resolution constitutes a part) with the Trustee providing for the issuance from time to time of General Receipts Bonds of the University, with each such issue to be authorized by a Series Resolution adopted by the Board pursuant thereto, which Series Resolution shall authorize a Supplemental Trust Agreement, supplementing such Trust Agreement, pertaining to such issue of Bonds; and

WHEREAS, the Board adopted on May 7, 1971, the Series Resolution, designated and hereinafter referred to as the "Series 1971 Resolution", providing for the herein described Series 1971 Bonds and this Supplement, which Series 1971 Resolution is incorporated herein, constituting an integral part of this Supplement, and provides, in its entirety, as follows:

(See May 7, 1971 Minutes, pages 494-500)

WHEREAS, said Series 1971 Bonds were duly offered for public sale and on \_\_\_\_\_, 1971, the Fiscal Officer duly executed his certificate awarding the Series 1971 Bonds (hereinafter called the "Certificate of Award"), which Certificate of Award is incorporated herein, constituting an integral part of this Supplement, and provides, in its entirety, as follows:

\$4,500,000  
THE OHIO STATE UNIVERSITY  
GENERAL RECEIPTS BONDS, SERIES 1971  
Dated June 1, 1971

CERTIFICATE OF AWARD

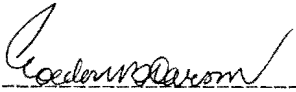
The undersigned, Fiscal Officer of The Ohio State University, as authorized by the Series 1971 Resolution duly adopted by the Board of Trustees of The Ohio State University on May 7, 1971, and providing for the issuance of \$4,500,000 General Receipts Bonds, Series 1971, has caused said Bonds to be advertised for sale in a manner and upon terms and conditions not inconsistent with said Resolution, received bids therefor on this date until 11 o'clock a.m. E.S.T., in Ohio (fast time) and did thereupon open and publicly read said bids, and does hereby award said Bonds in the sum of \$4,500,000 to the "Original Purchaser" below identified, whose bid for the Bonds at the price and interest rates below stated is hereby determined to be the highest bid based on the lowest interest cost and is hereby accepted:

Original Purchaser: MORGAN GUARANTY TRUST COMPANY, NEW YORK, NEW YORK

Purchase Price: \$4,501,652.00

<u>Principal Maturities</u>			<u>Interest Rate</u>	<u>Principal Maturities</u>			<u>Interest Rate</u>
1972	\$115,000		7.50 %	1982	\$220,000		5.60 %
1973	\$120,000		7.50	1983	\$230,000		5.70
1974	\$130,000		7.50	1984	\$245,000		5.80
1975	\$140,000		7.50	1985	\$265,000		5.90
1976	\$150,000		7.50	1986	\$280,000		6.00
1977	\$160,000		7.50	1987	\$300,000		6.00
1978	\$170,000		7.50	1988	\$320,000		6.00
1979	\$180,000		6.00	1989	\$340,000		6.00
1980	\$190,000		5.50	1990	\$360,000		6.00
1981	\$205,000		5.50	1991	\$380,000		6.00

Dated: June 24, 1971

  
-----  
Gordon B. Carson  
Vice President, Business and Finance,  
The Ohio State University



may be issued from time to time in one or more series, in various principal amounts, with different maturities and interest rates, and may otherwise vary. The aggregate principal amount of Bonds which may be issued is not limited except as provided in the Agreement or as may hereafter be provided by law, and all Bonds will be equally and ratably secured by the pledges and covenants made therein, except as otherwise expressly provided or permitted in the Agreement.

The Bonds are all to be issued under the Trust Agreement (of which the General Bond Resolution is a part) dated as of June 1, 1971, between the University and the above-named Trustee, as the same has been or may be supplemented or amended in accordance with its terms. Such Trust Agreement and amendments thereto and any applicable Supplemental Trust Agreement, including the Series Resolution constituting part thereof, are herein referred to collectively as the "Agreement". The term "Trustee" as used herein refers to said Trustee or any successor Trustee appointed pursuant to the Agreement. Reference is made to the Agreement for a more complete description of the provisions, among others, with respect to the nature and extent of the security, the rights, duties and obligations of the University, the Trustee and the holders of the Bonds and coupons, and the terms and conditions upon which the Bonds are issued and secured, to all of the provisions of which Agreement each holder, by the acceptance hereof, assents.

This Bond is one of a series of the Bonds, designated General Receipts Bonds, Series 1971 (hereinafter called the "Series 1971 Bonds"), in the aggregate principal amount of \$4,500,000, authorized by and issued pursuant to the Series 1971 Resolution adopted by the Board on May 7, 1971, and the Agreement, including the First Supplemental Trust Agreement thereto dated as of June 1, 1971, of which the Series 1971 Resolution is a part, for the purpose of paying part of the costs of certain University Facilities, consisting of certain motor vehicle parking facilities on the campus of the University, comprised of 3 multi-level parking structures and appurtenances known as the Student Union, Arps Hall and Medical School parking, with an aggregate capacity for the parking of approximately 2,250 motor vehicles, and of refunding notes previously issued for such purpose.

The Series 1971 Bonds are issuable as coupon bonds, registrable as to principal, in the denomination of \$5,000, and as fully registered bonds in denominations of \$5,000 and any authorized multiple thereof. Coupon Bonds and fully registered Bonds are interchangeable in equal aggregate principal amounts and in authorized denominations at the aforesaid office of the Trustee, in the manner and subject to the limitations provided in the Agreement.

This Bond and appurtenant coupons are negotiable instruments but this Bond may be registered as to principal in accordance with the provisions endorsed hereon and the terms and conditions provided in the Agreement.

The Series 1971 Bonds are not callable for redemption prior to December 1, 1981. Series 1971 Bonds maturing after June 1, 1981 are subject to redemption by the University prior to maturity on any interest payment date on or after December 1, 1981, in whole or in part and in

inverse order of their maturity (less than all of such Bonds of a single maturity to be selected by lot in such manner as may be determined by the Trustee), at a redemption price, expressed as a percentage of the principal amount redeemed, of 103% if redeemed on or before December 1, 1985, 102% if redeemed thereafter, but on or before December 1, 1988, and 101% if redeemed thereafter, plus in each case accrued interest. Such right of redemption shall be exercised by notice, specifying the Bonds or portions of fully registered Bonds to be called, the date fixed for redemption and the places where the amounts due upon such redemption are payable, which notice, subject to the provisions of the Agreement therefor, shall be published at least twice in a newspaper or financial journal of national circulation published in the City and State of New York, the first such publication to be not less than thirty days prior to the redemption date. If Bonds or portions of fully registered Bonds are duly called for redemption and if on such redemption date moneys for the redemption thereof, together with interest thereon to the redemption date, shall be held by the Trustee or Paying Agents so as to be available therefor, then from and after such date such Bonds or portions of fully registered Bonds shall cease to bear interest and any coupons for interest thereon maturing subsequently shall be void, and said Bonds, portions of fully registered Bonds, and coupons shall not be deemed to be outstanding under the Agreement.

Principal, interest, and any call premium on the Bonds (hereinafter collectively called the "Bond service charges") are payable solely from, and such payment is secured by a first pledge of and a lien on the gross amount of the General Receipts of the University and the Bond Pledge Fund and the Bond Service Fund, all as defined, and to the extent and in the manner provided, in the Agreement; provided, however, that nothing herein or in the Agreement shall be deemed to prohibit the University, of its own volition, from using to the extent lawfully authorized to do so any other resources for such payment. Such General Receipts are more particularly defined in the General Bond Resolution as all moneys received by the University including, among other receipts, all gross fees, deposits, charges, receipts and income from all or any part of the students of the University, whether designated as tuition, instructional fees, tuition surcharges, general fees, activity fees, or other special purpose fees, or otherwise designated, and all gross income, revenues and receipts from University Facilities; and as excluding certain receipts as provided in the General Bond Resolution, among which are moneys raised by taxation and state appropriations until and unless the pledge thereof to the payment of Bond service charges is authorized by law and provided for by Supplemental Trust Agreement approved by the Board, moneys received in connection with branch campus operations, and specified receipts pledged to secure other bonds of the University. The Bond Pledge Fund is a special trust fund held in the custody of the University into which the University shall pay at specified times in each fiscal year, as provided in the General Bond Resolution, from its collections of General Receipts moneys sufficient in time and amount to meet all payments required to be made in such fiscal year to the Bond Service Fund. The Bond Service Fund, comprised in part of the Bond Service Account and the Bond Service Reserve Account, is

held in the custody of the Trustee, and is pledged to the payment of Bond service charges on all Bonds as provided in the Agreement. As required by the Agreement, the University shall make payments to the Bond Service Fund from the Bond Pledge Fund and, if necessary, from other General Receipts, of amounts sufficient to pay Bond service charges as they come due and to establish and maintain the Required Reserve in the Bond Service Reserve Account. The University has covenanted in the Agreement that so long as any Bonds are outstanding it will fix, make, adjust and collect items of General Receipts as will produce at all times General Receipts sufficient to pay Bond service charges when due, to establish and maintain the Required Reserve as provided in the Bond proceedings, and together with other moneys lawfully available therefor, to pay all costs and expenses required to be paid under the Bond proceedings and all other costs and expenses necessary for the proper maintenance and successful and continuous operation of the University. The holders or owners of the Bonds or appertaining interest coupons shall have no right to have excises or taxes levied by the General Assembly of Ohio for the payment of Bond service charges.

Except as provided in the Agreement, the holders or registered holders of the Bonds are not entitled to enforce the provisions of the Agreement or to institute, appear in or defend any suit, action or proceeding to enforce any provisions of the Agreement or to take any action with respect to any event of default under the Agreement.

In addition to the provisions contained in the Agreement authorizing the University and the Trustee, without the consent of or notice to any bondholder, to enter into Supplemental Trust Agreements not inconsistent with the Agreement and for certain purposes specified therein, the Agreement contains provisions authorizing such parties, with the consent of the holders of not less than 66-2/3% in aggregate principal of the Bonds at the time outstanding, exclusive of any Bonds then held or owned by the University, to enter into Supplemental Trust Agreements for the purpose of modifying, altering, amending, adding to or rescinding, in any particular, any of the terms and provisions of the Agreement; provided, however, that no such Supplemental Trust Agreement shall extend the maturity of the principal of or the interest on any Bond or reduce the principal amount of any Bond or the rate of interest or redemption premium thereon without the consent of the holder of each Bond so affected, or reduce the aggregate principal amount of the Bonds required for consent to such Supplemental Agreement without the consent of the holders of all Bonds then outstanding.

If an event of default in payment of Bond service charges or other default shall occur, as defined in the Agreement, the principal of Bonds then outstanding may be declared due and payable in the manner and with the effect provided by the Agreement, but subject to waiver of such event of default or rescission of such declaration as provided in the Agreement.

This Bond shall not constitute the personal obligation, either jointly or severally, of the members or officers of the Board or the officers of the University.



Neither this Bond nor any of the appertaining coupons shall be entitled to any security or benefit under the Agreement or become valid or obligatory for any purpose until the certificate of authentication hereon shall have been signed by the Trustee.

It is hereby certified and recited that all acts, conditions and things necessary to be done by the University precedent to and in the issuing of the Series 1971 Bonds in order to make them legal, valid and binding obligations of the University in accordance with their terms, have been done and performed and have happened in regular and due form as required by law; that payment in full for the Series 1971 Bonds has been received; and that the Series 1971 Bonds do not exceed or violate any constitutional or statutory limitation.

IN WITNESS WHEREOF, The Ohio State University has caused this Bond to be executed by the facsimile signature of the President of the University, and by the facsimile signature of the Secretary of the Board of Trustees of the University, and the facsimile seal of the University to be imprinted hereon, and the interest coupons attached hereto to be executed by the facsimile signature of the Vice President, Business and Finance of the University, all as of June 1, 1971.

THE OHIO STATE UNIVERSITY

----- [ facsimile signature ] -----  
President

(Seal)

----- [ facsimile signature ] -----  
Secretary of the Board of Trustees

#### PROVISIONS FOR REGISTRATION

This Bond may be registered as to principal alone on the registration books of the University kept by the Trustee as Bond Registrar, upon presentation hereof to the Trustee which shall make notation of such registration in the registration blank below, and this Bond may thereafter be transferred only upon an assignment duly executed by the registered holder or his attorney in such form as shall be satisfactory to the Bond Registrar, such transfer to be made on such books and endorsed hereon. Such transfer may be to bearer, and thereby transferability by delivery shall be restored, subject, however, to successive registrations and transfers as before. The principal of this Bond, if registered, unless registered to bearer, shall be payable only to or on the order of the registered holder or his attorney. Notwithstanding the registration of this Bond as to principal alone as aforesaid, the coupons will remain payable to bearer and shall continue to be transferable by delivery.

<u>Date of Registration</u>	<u>Name of Registered Holder</u>	<u>Signature of Authorized Officer of Bond Registrar</u>
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-----	-----	-----
-----	-----	-----

### FORM OF INTEREST COUPON

No.

\$

[Unless the Bond described below shall have been duly called for previous redemption and payment of the redemption price duly made or provided for,] \* on June/December 1, The Ohio State University will pay to bearer, from the sources and in the manner provided in the Trust Agreement referred to in the Bond described below, on presentation and surrender of this coupon at the principal corporate trust office of the Trustee, presently The Huntington National Bank of Columbus, Columbus, Ohio, or of Chemical Bank, New York, New York,

dollars (\$ ) being interest then due on its General Receipt Bond Series 1971, dated June 1, 1971, No.

----- [facsimile signature] -----  
Vice President, Business and Finance  
The Ohio State University

### Single Maturity Fully Registered Bond Form

United States of America

State of Ohio

The Ohio State University

General Receipts Bond, Series 1971

No. R71-

\$

The Ohio State University (hereinafter called the "University"), a state university of the State of Ohio created and existing pursuant to Chapter 3335 of the Ohio Revised Code, for value received, promises to pay to

, or registered assigns, from the sources and in the manner hereinafter referred to, the principal sum of

DOLLARS (\$ )

\* Bracketed clause appears on coupons maturing after the first call date shown on the Bond face.

on June 1,       , and to pay from said sources interest thereon from the date hereof at the rate of        per centum (        %) per annum semi-annually on June 1 and December 1 of each year, commencing December 1, 1971, until payment of such principal sum has been made or duly provided for. Principal and interest are payable in lawful money of the United States of America, without deduction for the services of the Trustee as Paying Agent. Principal is payable upon presentation and surrender of this Bond at the principal corporate trust office of the Trustee, presently The Huntington National Bank of Columbus, Columbus, Ohio. Interest on this Bond will be paid by check or draft mailed to the registered holder hereof at his address as it appears on the registration books of the University.

This Bond is one of the General Receipts Bonds (hereinafter collectively called the "Bonds") authorized and from time to time to be authorized in various series under and pursuant to Section 2i of Article VIII, Ohio Constitution, Sections 3345.11 and 3345.12 of the Ohio Revised Code, the General Bond Resolution (hereinafter called the "General Bond Resolution") adopted by the Board of Trustees of the University (hereinafter called the "Board") on May 7, 1971, a Series Resolution authorizing each issue, and the Agreement described below, for the purpose of paying costs of University Facilities (as defined in the General Bond Resolution) and to refund, fund or retire obligations issued for such purpose. As provided in and subject to said Agreement, the Bonds may be issued from time to time in one or more series, in various principal amounts, with different maturities and interest rates, and may otherwise vary. The aggregate principal amount of Bonds which may be issued is not limited except as provided in the Agreement or as may hereafter be provided by law, and all Bonds will be equally and ratably secured by the pledges and covenants made therein, except as otherwise expressly provided or permitted in the Agreement.

The Bonds are all to be issued under the Trust Agreement (of which the General Bond Resolution is a part) dated as of June 1, 1971, between the University and the above-named Trustee, as the same has been or may be supplemented or amended in accordance with its terms. Such Trust Agreement and amendments thereto and any applicable Supplemental Trust Agreement, including the Series Resolution constituting part thereof, are herein referred to collectively as the "Agreement". The term "Trustee" as used herein refers to said Trustee or any successor Trustee appointed pursuant to the Agreement. Reference is made to the Agreement for a more complete description of the provisions, among others, with respect to the nature and extent of the security, the rights, duties and obligations of the University, the Trustee and the holders of the Bonds and coupons, and the terms and conditions upon which the Bonds are issued and secured, to all of the provisions of which Agreement each holder, by the acceptance hereof, assents.

This Bond is one of a series of the Bonds, designated General Receipts Bonds, Series 1971 (hereinafter called the "Series 1971 Bonds"), in the aggregate principal amount of \$4,500,000, authorized by and issued pursuant to the Series 1971 Resolution adopted by the Board on May 7, 1971, and the Agreement, including the First Supplemental Trust Agreement thereto dated as of

June 1, 1971, of which the Series 1971 Resolution is a part, for the purpose of paying part of the costs of certain University Facilities, consisting of certain motor vehicle parking facilities on the campus of the University, comprised of three multi-level parking structures and appurtenances known as the Student Union, Arps Hall and Medical School parking with an aggregate capacity for the parking of approximately 2,250 motor vehicles, and of refunding notes previously issued for such purpose.

The Series 1971 Bonds are issuable as coupon bonds, registrable as to principal, in the denomination of \$5,000, and as fully registered bonds in denominations of \$5,000 and any authorized multiple thereof. Coupon Bonds and fully registered Bonds are interchangeable in equal aggregate principal amounts and in authorized denominations at the aforesaid office of the Trustee, in the manner and subject to the limitations provided in the Agreement.

This Bond is transferable by the registered holder hereof in person or by his attorney duly authorized in writing at the principal corporate trust office of the Trustee as Bond Registrar, upon presentation hereof to the Trustee, all subject to the terms and conditions provided in the Agreement.

The Series 1971 Bonds are not callable for redemption prior to December 1, 1981. Series 1971 Bonds maturing after June 1, 1981 are subject to redemption by the University prior to maturity on any interest payment date on or after December 1, 1981, in whole or in part and in inverse order of their maturity (less than all of such Bonds of a single maturity to be selected by lot in such manner as may be determined by the Trustee), at a redemption price, expressed as a percentage of the principal amount redeemed, of 103% if redeemed on or before December 1, 1985, 102% if redeemed thereafter, but on or before December 1, 1988 and 101% if redeemed thereafter, plus in each case accrued interest. Such right of redemption shall be exercised by notice, specifying the Bonds or portions of fully registered Bonds to be called, the date fixed for redemption and the places where the amounts due upon such redemption are payable, which notice, subject to the provisions of the Agreement therefor, shall be published at least twice in a newspaper or financial journal of national circulation published in the City and State of New York, the first such publication to be not less than thirty days prior to the redemption date. If Bonds or portions of fully registered Bonds are duly called for redemption and if on such redemption date moneys for the redemption thereof, together with interest thereon to the redemption date, shall be held by the Trustee or Paying Agents so as to be available therefor, then from and after such date such Bonds or portions of fully registered Bonds shall cease to bear interest and any coupons for interest thereon maturing subsequently shall be void, and said Bonds, portions of fully registered Bonds, and coupons shall not be deemed to be outstanding under the Agreement.

Principal, interest, and any call premium on the Bonds (hereinafter collectively called the "Bond service charges") are payable solely from, and such payment is secured by a first pledge of and a lien on the gross amount of the General Receipts of the University and the Bond Pledge Fund

and the Bond Service Fund, all as defined, and to the extent and in the manner provided, in the Agreement; provided, however, that nothing herein or in the Agreement shall be deemed to prohibit the University, of its own volition, from using to the extent lawfully authorized to do so any other resources for such payment. Such General Receipts are more particularly defined in the General Bond Resolution as all moneys received by the University including, among other receipts, all gross fees, deposits, charges, receipts and income from all or any part of the students of the University, whether designated as tuition, instructional fees, tuition surcharges, general fees, activity fees, or other special purpose fees, or otherwise designated, and all gross income, revenues and receipts from University Facilities; and as excluding certain receipts as provided and defined in the General Bond Resolution, among which are moneys raised by taxation and state appropriations until and unless the pledge thereof to the payment of Bond service charges is authorized by law and provided for by Supplemental Trust Agreement approved by the Board, moneys received in connection with branch campus operations, and specified receipts pledged to secure other bonds of the University. The Bond Pledge Fund is a special trust fund held in the custody of the University into which the University shall pay at specified times in each fiscal year, as provided in the General Bond Resolution, from its collections of General Receipts moneys sufficient in time and amount to meet all payments required to be made in such fiscal year to the Bond Service Fund. The Bond Service Fund, comprised in part of the Bond Service Account and the Bond Service Reserve Account, is held in the custody of the Trustee, and is pledged to the payment of Bond service charges on all Bonds as provided in the Agreement. As required by the Agreement, the University shall make payments to the Bond Service Fund from the Bond Pledge Fund and, if necessary, from other General Receipts, of amounts sufficient to pay Bond service charges as they come due and to establish and maintain the Required Reserve in the Bond Service Reserve Account. The University has covenanted in the Agreement that so long as any Bonds are outstanding it will fix, make, adjust and collect items of General Receipts as will produce at all times General Receipts sufficient to pay Bond service charges when due, to establish and maintain the Required Reserve as provided in the Bond proceedings, and together with other moneys lawfully available therefor, to pay all costs and expenses required to be paid under the Bond proceedings and all other costs and expenses necessary for the proper maintenance and successful and continuous operation of the University. The holders or owners of the Bonds or appertaining interest coupons shall have no right to have excises or taxes levied by the General Assembly of Ohio for the payment of Bond service charges.

Except as provided in the Agreement, the holders or registered holders of the Bonds are not entitled to enforce the provisions of the Agreement or to institute, appear in or defend any suit, action or proceeding to enforce any provisions of the Agreement or to take any action with respect to any event of default under the Agreement.

In addition to the provisions contained in the Agreement authorizing the University and the Trustee, without the consent of or notice to any bondholder, to enter into Supplemental Trust

Agreements not inconsistent with the Agreement and for certain purposes specified therein, the Agreement contains provisions authorizing such parties, with the consent of the holders of not less than 66-2/3% in aggregate principal of the Bonds at the time outstanding, exclusive of any Bonds then held or owned by the University, to enter into Supplemental Trust Agreements for the purpose of modifying, altering, amending, adding to or rescinding, in any particular, any of the terms and provisions of the Agreement; provided, however, that no such Supplemental Trust Agreement shall extend the maturity of the principal of or the interest on any Bond or reduce the principal amount of any Bond or the rate of interest or redemption premium thereon without the consent of the holder of each Bond so affected, or reduce the aggregate principal amount of the Bonds required for consent to such Supplemental Agreement without the consent of the holders of all Bonds then outstanding.

If an event of default in payment of Bond service charges or other default shall occur, as defined in the Agreement, the principal of Bonds then outstanding may be declared due and payable in the manner and with the effect provided by the Agreement, but subject to waiver of such event of default or rescission of such declaration as provided in the Agreement.

This Bond shall not constitute the personal obligation, either jointly or severally, of the members or officers of the Board or the officers of the University.

This Bond shall not be entitled to any security or benefit under the Agreement or become valid or obligatory for any purpose until the certificate of authentication hereon shall have been signed by the Trustee.

It is hereby certified and recited that all acts, conditions and things necessary to be done by the University precedent to and in the issuing of the Series 1971 Bonds in order to make them legal, valid and binding obligations of the University in accordance with their terms, have been done and performed and have happened in regular and due form as required by law; that payment in full for the Series 1971 Bonds has been received; and that the Series 1971 Bonds do not exceed or violate any constitutional or statutory limitation.

IN WITNESS WHEREOF, The Ohio State University has caused this Bond to be executed by the facsimile signature of the President of the University, and by the facsimile signature of the Secretary of the Board of Trustees of the University, and the facsimile seal of the University to be imprinted hereon all as of the first day of

THE OHIO STATE UNIVERSITY

----- [facsimile signature] -----

President

(Seal)

----- [facsimile signature] -----

Secretary of the Board of Trustees

**Form of Assignment to be Printed on Each  
Fully Registered Bond**

**ASSIGNMENT**

For value received, the undersigned hereby sells, assigns and transfers unto

-----  
the within Bond and does hereby irrevocably constitute and appoint

-----  
attorney to transfer the said Bond on the books kept for registration of the within Bond, with full power of substitution in the premises.

Dated: -----

In the presence of:

-----

**Form of Trustee's Authentication  
Certificate to be Endorsed on all  
Series 1971 Bonds**

This Bond is one of the Bonds issued under the provisions of the within mentioned Agreement and First Supplemental Trust Agreement thereto.

The Huntington National Bank of Columbus, Trustee

By -----

WHEREAS, the University has, or will have in all respects complied with the provisions of the Agreement so as to be entitled to execute and to have authenticated and delivered by the Trustee \$4,500,000 General Receipts Bonds, Series 1971 being the first issue of Bonds pursuant to the Agreement; and

WHEREAS, pursuant to the applicable provisions of Article VIII of the Agreement and particularly Section 8.01 (vi) thereof, the University desires by this Supplement and the Series 1971 Resolution comprising part thereof to provide for the issuance pursuant to the Agreement of said Series 1971 Bonds;

NOW, THEREFORE, THIS FIRST SUPPLEMENTAL TRUST AGREEMENT, WITNESSETH that in order to secure the payment of the Bond service charges on the Series 1971 Bonds according to their true intent and meaning, and to secure the performance and observance of

all covenants and conditions therein, herein, and in the Agreement contained, and for and in consideration of the premises and of the purchase and acceptance of the Series 1971 Bonds by the holders thereof from time to time, and the acceptance by the Trustee of the further trusts hereby created, and for other good and valuable consideration, the receipt of which is hereby acknowledged, the University has executed and delivered this First Supplemental Trust Agreement.

IN TRUST, NEVERTHELESS, upon the terms and trusts in the Agreement and this Supplement set forth for the security of all present and future holders of the Bonds and appurtenant coupons issued or to be issued under and secured by the said Agreement, without priority of any one Bond or coupon over any other by reason of series designation, number, date of authorization, issuance, sale, execution or delivery, date of the Bonds or of maturity, except as may be otherwise permitted by the General Bond Resolution.

Section 1. **Incorporation of Resolution and Certificate.** The terms and provisions of the Series 1971 Resolution and the Certificate of Award, as set forth in the preambles hereto, constitute part of this Supplement as if such terms and provisions were here set forth.

Section 2. **Form, Execution and Delivery.** The Series 1971 Bonds shall be executed, authenticated and delivered as provided herein and in the Agreement, and said Series 1971 Bonds, the coupons to be attached thereto, the form of assignment of fully registered Bonds, and the certificate of authentication of the Trustee to be endorsed thereon, shall be substantially in the forms provided in the preambles hereto with any necessary modifications to conform hereto.

Section 3. **Concerning the Trustee.** The Trustee hereby accepts the trusts hereby declared and provided and agrees to perform the same upon the terms and conditions in the Agreement and in this First Supplement set forth.

The Trustee shall not be responsible in any manner whatsoever for or in respect of the validity or sufficiency of this Supplement or the due execution thereof by the University, nor for or in respect of the recitals herein contained, all of which recitals are made by the University solely.

IN WITNESS WHEREOF, the University has caused this First Supplemental Trust Agreement to be executed by its duly authorized officers and the seal of the University to be hereunto affixed, and The Huntington National Bank of Columbus, Columbus, Ohio, as Trustee, in token of its acceptance of the trusts created hereunder, has caused this First Supplemental Trust Agreement to be executed in its name by its duly authorized officers and has caused its seal to be hereunto affixed, all as of the day and year first above written, but actually on the dates of the respective acknowledgments.

THE OHIO STATE UNIVERSITY

By \_\_\_\_\_  
Chairman, Board of Trustees  
and

By \_\_\_\_\_  
Secretary, Board of Trustees

SEAL



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APPENDIX I

POOLED INCOME FUND TRUST AGREEMENT

and

INSTRUMENT OF TRANSFER

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Pooled Income Fund  
The Ohio State University

This Agreement between The Ohio State University (the University) and \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_  
(the Trustees), executed this \_\_\_\_\_ day of \_\_\_\_\_, 19 \_\_\_\_  
witnesseth:

The purpose and intent of this Agreement is to create a Pooled Income Fund (the Trust) as defined in Section 642(c) (5) of the Internal Revenue Code and the Regulations thereunder through which donors may make contributions to the University subject to a retained life income interest. This Agreement and the Trust hereby created shall be construed and administered in a manner which is consistent with said statute and regulations.

1. Contributions. The Trust shall accept contributions of property (including money) from donors subject to the following terms and conditions:

(a) An irrevocable remainder interest in the property shall be contributed to the University.

(b) The donor shall retain for himself and/or create for his spouse (to whom the donor is married at the time of the transfer) and/or other designated beneficiaries who are then alive and are acceptable to the Trustees, a lifetime income interest in the property transferred. If a spouse or other beneficiary is named as a co-beneficiary with the donor the instrument of transfer shall designate the share of income payable to each and whether such shares are to be enjoyed concurrently and/or consecutively. The donor may retain the power exercisable only by will to revoke or terminate the income interest of his spouse or other designated beneficiary.

(c) The instrument of transfer shall adopt and incorporate by reference all the terms and conditions of this Agreement. A copy of this Agreement shall be attached to each instrument of transfer.

2. Certain Properties Excluded.

(a) The Trustees shall not accept or hold any property transferred under arrangements other than those specified in paragraph 1 of this Agreement.

(b) The Trustees shall not accept or invest in any securities the income from which is exempt from federal income tax.

3. Commingling of Life Income Properties. The property transferred by each donor shall be commingled with and invested or reinvested with the property transferred to the Trust by other donors satisfying the requirements of paragraph 1 of this Agreement.

4. Fiscal Year - Valuation Dates. The Trust shall operate on a fiscal year ending on June 30. The Trust property shall be valued on the first day of each fiscal year (including a fiscal period of less than 12 months), on the first day of each quarter-annual period, and on each date on which property is transferred to the Trust by a donor.

5. Allocation and Distribution of Income.

(a) The income share of each beneficiary for each quarter-annual period of the Trust shall be determined by the rate of return earned by the Trust for such period with respect to his income interest, and shall be paid quarterly not later than 20 days after the end of each quarter.

(b) Each income interest retained or created shall be assigned a proportional share of the annual income earned by the Trust. Such share expressed in terms of units of participation shall be based on the fair market value of the property transferred by the donor on the date of transfer, in relation to the value on said date of all property held by the Trust immediately prior thereto.

(c) In the allocation of income to units outstanding during only part of a year (or part of a quarter-annual period) the Trustees shall take into consideration the period of time during which such units were outstanding.

Pooled Income Fund - The Ohio State University (continued)

(d) The income interest of a beneficiary shall terminate with the last regular payment made before his death.

6. Classification of Income.

(a) For purposes of this Agreement the term income refers to the ordinary income of the Trust after deducting any costs and expenses incurred by the Trust which are properly chargeable to income, determined under the law of Ohio.

(b) In allocating receipts and disbursements as between principal and income, the Trustees shall be governed by good accounting practices. Specifically (without intending to limit this general rule) all net gains realized in the sale or other disposition of securities and other investments, capital gains distributions received from investment companies, mutual or common trust funds, liquidating distributions, and all other items not defined as income under Section 643(b) of the Internal Revenue Code, shall be allocated to principal.

7. Distribution of Remainder Interest.

(a) Upon the termination of an income interest an amount equal to the value of the remainder interest in the property upon which the income interest was based shall be severed from the Trust and transferred to the University. The value of the remainder interest shall be its value as of the date of the last regular payment made before the beneficiary's death.

(b) The instrument of transfer by the donor may include a statement of his intention or a direction as to the purposes for which the property is to be used by the University. Any such statement or direction shall be reviewed by the Trustees of the Trust and the transfer shall not be accepted unless such purposes are approved.

8. Maintenance of Trust - Trusteeship.

(a) The Trust has been created and will be maintained by the University and the Trustees shall be subject to the control of the University. The University may

Pooled Income Fund - The Ohio State University (continued)

remove any one or more of the Trustees at any time without cause, and in case of such removal or other vacancy in the Trusteeship the University shall designate one or more successor Trustees.

(b) No donor to the Trust or beneficiary of an income interest in the Trust shall be eligible to serve as Trustee, and no donor or beneficiary shall exercise any responsibilities with respect to the Trust which would ordinarily be exercised by a Trustee.

(c) All expenses of operating the Trust including any compensation payable to the Trustees and all other costs and expenses will be paid or reimbursed by the University; provided however that the University reserves the right to make an annual charge for investment and fiscal services against the ordinary income of the Trust distributable to the life income beneficiaries not to exceed one-half of 1% of such income. No such charge shall be made unless a comparable charge is made against all other pooled income funds, if any, maintained by the University.

9. Administrative Powers.

(a) Subject to the provisions of paragraph 10 and to the rules and regulations applicable to pooled income funds as defined in Section 642(c) (5) of the Internal Revenue Code, the Trustees shall have full and complete power and authority to administer the property in the Trust, including the power to retain, sell, assign, transfer, exchange, mortgage, pledge, contract with respect to and in any manner dispose of any or all of the property; to lease property, including leases for terms extending beyond the period of the Trust; to execute any instruments or writings incidental to the exercise of their powers; to exercise any voting, subscription and other rights and privileges incidental to securities; to cause securities to be registered in the name of a nominee. The Trustees are given broad discretion in the investment of funds, including the authority to invest in all types of securities - other than tax exempt securities, see paragraph 2(b) - and other classes of property



Pooled Income Fund - The Ohio State University (continued)

deemed to be in the best interests of the beneficiaries and the University. No person dealing with the Trustees shall be under a duty to see to the application of the proceeds of any transaction, and the execution of any instrument or paper by the Trustees shall be conclusive evidence to those dealing with them of their power so to act.

(b) The Trustees may consult with the managers and investment advisers of The Ohio State University, holding the general endowment funds of the University, and may make use of services of the University in connection with purchases and sales of securities and other properties. It is intended, however, that this Trust shall at all times be maintained as a separate investment account operated by the Trustees. Detailed accounting records shall be maintained at all times specifically identifying the assets included in the Trust and the income earned by such assets.

10. Federal Tax Requirements. The following specific prohibitions shall apply to the Trust, as a split-interest trust within the meaning of Section 4947(b) of the Internal Revenue Code:

(a) The Trustees shall not engage in any act of self-dealing as defined in Section 4941(d) of the Code.

(b) The Trustees shall not retain any excess business holdings as defined in Section 4943(c) of the Code.

(c) The Trustees shall not make any investment in such manner as to subject the Trust to tax under Section 4944 of the Code.

(d) The Trustees shall not make any taxable expenditures as defined in Section 4945(d) of the Code.

11. Duration of Trust - Amendments.

(a) The Trust shall remain in existence as long as any life income interests are outstanding, and thereafter until all property in the Trust has been transferred to the University.

Pooled Income Fund - The Ohio State University (continued)

(b) This Agreement shall be irrevocable and shall not be subject to amendment except to comply with Section 642(c) (5) of the Internal Revenue Code and the Regulations thereunder, or corresponding provisions of any subsequent federal tax law or Regulations.

Executed by the undersigned Trustees on the date first written above.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Trustees

Contribution to Pooled Income Fund  
of The Ohio State University  
(Instrument of Transfer)

The undersigned \_\_\_\_\_, Donor, hereby transfers to the Trustees of The Ohio State University Pooled Income Fund under the Agreement dated \_\_\_\_\_, 19\_\_, the following property:

the sum of \$ \_\_\_\_\_

the securities or other properties listed in the schedule attached hereto,

subject to the following terms and conditions:

1. The transfer shall be effective on the \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_.
2. The property will be commingled with property transferred by other Donors who have made or make similar transfers, and will be subject in all respects to said Agreement a copy of which, marked Exhibit A, is attached hereto and made a part hereof.
3. The Donor retains for himself and creates for his spouse, \_\_\_\_\_, a lifetime income interest in the property, determined under said Agreement. The income distributable to the life income beneficiaries shall be paid in accordance with said Agreement:
  - (a) To the Donor during his life
  - (b) To the Donor's spouse, \_\_\_\_\_, if she survives the Donor, during the remainder of her life.

The Donor retains the power exercisable only by will to revoke or terminate the income interest of his spouse.

4. An irrevocable remainder interest in the property is hereby transferred to The Ohio State University, to be severed from the Pooled Income Fund and distributed to the University at the termination of said income interest, as provided in said Agreement.

Contribution to Pooled Income Fund of The Ohio State University - Instrument of Transfer (continued)

5. The funds and properties so severed from the Pooled Income Fund and distributed to the University shall be administered and expended by the University for the following purposes:

Signed by \_\_\_\_\_, Donor, and accepted by the Trustees of the Pooled Income Fund, as of \_\_\_\_\_.

\_\_\_\_\_  
Donor

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_  
Trustees

APPENDIX II

Degrees Conferred at

THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

September 3, 1971

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## The Recipients of Honors

### RALPH L. BOYER

The Ohio State University  
Distinguished Service Award

*Outstanding citizen who has exhibited civic commitment, industrial foresight, and unselfish service to The Ohio State University.*

As vice president and director of engineering for the Cooper-Bessemer Company, Ralph L. Boyer has played a key role in the development of that corporation's reputation as a quality builder of engines and compressors for government and industrial use. Instrumental in the invention of high compression natural gas engines and large turbine engines for industrial power uses, Mr. Boyer has been called upon frequently by public and private concerns to act as a special consultant.

In addition to his many professional responsibilities, Mr. Boyer has contributed valuable service to his community as president of the Martin Memorial Hospital Board of Trustees, the Knox County Mental Health Association, and the Community Concert Association. In testimony of his many notable achievements, he has been awarded the University's Benjamin G. Lamme Meritorious Achievement Medal and The Ohio State University Association's Alumni Centennial Award.

Mr. Boyer received his bachelor of mechanical engineering degree and his mechanical engineer degree from The Ohio State University in 1924 and 1930 respectively, and he has maintained a keen interest in his alma mater through the years. A member/director of the University Research Foundation and a member of the President's Club, Mr. Boyer has long been committed to the forward thrust of Development Fund programs. He was instrumental in the establishment of undergraduate scholarships and provided the impetus for the Cooper-Bessemer Company to match these with departmental grants. His prominence in the founding of the Alumni Committee of 100 for Engineering and his creative leadership as a member of this committee is a distinctive expression of his dedication to the University.

It is an honor to recognize Ralph L. Boyer for his loyalty and distinguished service to The Ohio State University.

### GRACE FERN HECK

The Ohio State University  
Distinguished Service Award

*Noted attorney whose professional achievements and commitment to higher education are of uncommon distinction.*

The career of Grace Fern Heck can be characterized as one of active service to her profession and to her alma mater. An alumna of The Ohio State University, she received her bachelor of arts degree in 1928 and the degree of juris doctor summa cum laude in 1930. As the first elected woman prosecutor in the state of Ohio, she served two terms before being elected municipal judge in Urbana, Ohio. Miss Heck has achieved wide respect throughout the legal profession and is active in both the state and national bar associations. Her devotion to the advancement of law education has remained steadfast through the years, and she continues to serve the interests of education as president of The Ohio State University Law Alumni Association.

In addition to her active involvement in efforts to meet the urgent needs of professional education, Miss Heck has demonstrated enthusiastic support through a broad spectrum of University organizations. As a student, she was active in her social sorority, Zeta Tau Alpha, in Kappa Beta Pi legal sorority, and was elected to Phi Beta Kappa and Order of the Coif. As an alumna, she has contributed imaginative leadership to the Champaign County Alumni Club as that organization's president and also to the national alumni association as second vice president. A recipient of the 1970 Alumni Centennial Award, Miss Heck currently is serving a second five-year term on the Alumni Advisory Board. Her personal role has been recognized as a prime factor in the revitalization and expanded dimensions of the board during the past three years.

The Ohio State University is proud to recognize Grace Fern Heck for her outstanding record of professional achievement and for exemplary service to her alma mater.

## VIRGIL OVERHOLT

The Ohio State University  
Distinguished Service Award

*Pre-eminent teacher and practitioner of progressive soil  
and water conservation methods.*

Widely recognized and admired as an engineer, teacher, and agriculturist, Virgil Overholt has maintained an untiring interest in the identification and solution of problems related to agriculture and the environment. Mr. Overholt, who received his bachelor of science degree in agriculture from The Ohio State University in 1915, has served as a member of the faculty for 41 years. He has inspired students, farmers, and associates by his dedication to the advancement of agricultural education, his encouragement of research and development of sophisticated conservation programs, and his progressive application of agricultural technology.

In recognition of outstanding accomplishment in the areas of irrigation, drainage methods, sanitation, and soil erosion control, Mr. Overholt has been awarded the John Deere Medal by the American Society of Agricultural Engineers. He is also the recipient of the Superior Service Award from the United States Department of Agriculture and is an honorary life member of the Ohio Land Improvement Contractors Association. The Board of Trustees of The Ohio State University conferred the title Professor Emeritus upon him at his retirement in 1956.

The Ohio State University is proud to recognize this alumnus and faculty member for his outstanding contributions to improved agricultural technology and for his unselfish service to the University.



## Graduate School

Dean: Arliss L. Roaden

### Doctor of Philosophy

Two hundred and ninety-eight candidates

Nancy Hamblen Acuff, Blountville, Tenn.

B.A., M.S. (University of Tennessee)

*Dissertation:* Paternal Effectiveness in a Selected Cognitive Task

*Field of Specialization:* Education

James Andrew Adams, Saginaw, Mich.

A.B., A.M. (Morehead State College)

*Dissertation:* A Study of the Status, Scope and Nature of Educational Evaluation in Michigan's Public K-12 School Districts

*Field of Specialization:* Education

Jeram Godhumal Advani, Baroda, India

B.E. (Maharaja Sayajirao University of Baroda);

M.E. (University of Rajasthan)

*Dissertation:* Computer Recognition of Three-Dimensional Objects from Optical Images

*Field of Specialization:* Electrical Engineering

Chang-Yil Ahn, Kimchon, Korea

B.A., M.A. (Korea University); M.S. (University of Dayton)

*Dissertation:* Development of a Computer-Assisted Instructional System on the Use of the Dictionary of Occupational Titles

*Field of Specialization:* Education

Albert Francis Allong, Trinidad, West Indies

B.S. (Saint Francis Xavier University); M.S. (University of Wisconsin)

*Dissertation:* Hydrogeology of the Scioto Drainage Basin

*Field of Specialization:* Geology

Oris Carter Amos, Westerville

A.B. (Virginia State College); M.A.

*Dissertation:* Satisfaction and Commitment of Ohio Teachers of Educable Mentally Retarded Children

*Field of Specialization:* Education

James Everett Anderson, Wichita, Kan.

B.A. (University of Kansas); M.S. (Kansas State Teachers College)

*Dissertation:* A Study of Selected Innovational Components for the Professional Education Segment of Secondary Social Studies Teacher Education Programs

*Field of Specialization:* Education

Richard Edward Anstett, Lancaster, N. Y.

B.A. (Canisius College); M.A.

*Dissertation:* The Effect of Presenting Clients with Information about Appropriate Role Behavior on the In-Counseling Behavior of Clients

*Field of Specialization:* Psychology

Dale Arnold Arahood, Glen Ellyn, Ill.

B.A. (Knox College)

*Dissertation:* A Credit Scoring Approach to the Commercial Lending Credit Decision Process

*Field of Specialization:* Industrial Engineering

Do Sun Bai, Seoul, Korea

B.S. in Engr., B.S.Com. (Seoul National University); M.S.

*Dissertation:* Efficient Sampling Plans in a Two-State Markov Chain

*Field of Specialization:* Statistics

Joseph Warren Balch, Point Pleasant, W. Va.

B.E.E., M.S.

*Dissertation:* Epitaxial Growth of Gallium Arsenide on Zinc Selenide

*Field of Specialization:* Electrical Engineering

Charles Edwin Ballinger, Columbus

B.A. (DePauw University); M.A.

*Dissertation:* Drug Education: Some Guidelines for Development of Instructional Programs for Students: K-12

*Field of Specialization:* Education

David Allen Bankes, Newport News, Va.

B.S.Ag. (University of Delaware); M.S.

*Dissertation:* Some Effects of Localized Internode Segment and Entire-Shoot X-Irradiation on the Survival and Morphology of Sunflower Plants

*Field of Specialization:* Botany

Evelyn Ruth Berryman Barritt, Worthington

B.S. in Nurs., M.A.

*Dissertation:* Florence Nightingale's Values Regarding Nursing Education

*Field of Specialization:* Education

Charles Augustus Bauer, Los Angeles, Calif.

B.S. (Loyola University of Los Angeles)

*Dissertation:* The Compositional Dependence of the Spinwave Dispersion Coefficient D in the Invar Region

*Field of Specialization:* Physics

Gerald Robert Baughman, Carey

B.Agr.E., M.S.

*Dissertation:* Experimental Study and Simulation of a Concurrent-Flow Grain Dryer

*Field of Specialization:* Agricultural Engineering

Sandra Williams Bennett, Reynoldsburg

B.S.Ed. (Otterbein College); M.A.

*Dissertation:* Ascertainment of Community Needs by Public Television Stations: A Study of KPBS, WOSU, WVIZ, WETA, and the Alabama Educational Television Commission

*Field of Specialization:* Speech

John Pierre Berwald, Amherst, Mass.

A.B. (University of Michigan); M.A. (Middlebury College)

*Dissertation:* An Assessment Study of Innovative High School Foreign Language Programs

*Field of Specialization:* Education

Kermit John Blank, Knoxville, Tenn.

B.S.Ed. (Pennsylvania State Teachers College);

M.S.Ed. (Temple University)

*Dissertation:* An Empirical Assessment of the Differences in Value Orientation between Students at the University of Tennessee and Their Parents

*Field of Specialization:* Education

Dwight Allen Blaser, Westerville

B.M.E., M.S.

*Dissertation:* A Preliminary Analytical and Experimental Investigation of Helicopter Rotor Boundary Layers

*Field of Specialization:* Mechanical Engineering

- Francis Eldon Bloomer, Wichita, Kan.  
A.B.Ed., M.Ed. (Wichita State University)  
*Dissertation*: Social Studies Teachers' Perception of  
Topics in Geography  
*Field of Specialization*: Education
- John Andrew Blough, Cleveland  
A.B. (College of Wooster)  
*Dissertation*: Knowledge for Action: An Analysis of the  
Relevance of Selected Social Science Concepts to the  
Preparation of Educational Leaders  
*Field of Specialization*: Education
- Walter Raymond Bortz, Napoleon  
B.S.Ed. (Bowling Green State University); M.A.Ed.  
(Ball State University)  
*Dissertation*: The Relationship of Selected High School  
Courses to Success in College  
*Field of Specialization*: Education
- John Donald Boyd, II, Westerville  
A.B. (Milligan College); M.A. (Bowling Green State  
University)  
*Dissertation*: The Construction of a Microcounseling  
Training Model and the Assessment of Its Effectiveness  
in Teaching a Cognitively Flexible Set of Verbal Response  
Behaviors to Neophyte Counselors  
*Field of Specialization*: Education
- Joe Louis Boyer, Tuscaloosa, Ala.  
B.S. (Tennessee Agricultural and Industrial State  
University); M.S. (University of Illinois)  
*Dissertation*: Knowledge and Perceptions of Knowledge  
Related to Teaching and Learning in Disadvantaged  
Areas: A Comparative Study of Pre-Service Teachers in  
Predominantly Black and Predominantly White  
Universities  
*Field of Specialization*: Education
- James Allen Braden, Washington, Pa.  
B.S.Ed. (California State College, Pennsylvania); M.A.  
*Dissertation*: The Liberals as a Third Party in British  
Politics, 1926-1931: A Study in Political Communication  
*Field of Specialization*: History
- James Eugene Bradley, Alliance  
B.S. (Muskingum College); M.S.  
*Dissertation*: Phase Relations in the System  $\text{CaSiO}_3$ -  
 $\text{CaWO}_4$ - $\text{SiO}_2$   
*Field of Specialization*: Mineralogy
- Japnell Davis Braun, Columbus  
B.S. (University of Florida); M.S.  
*Dissertation*: Local Equilibrium and Diffusion in  
Multiphase Couples  
*Field of Specialization*: Metallurgical Engineering
- William Cleve Brewington, Richmond, Va.  
B.S. (Bethune-Cookman College); M.Ed. (University of  
Virginia)  
*Dissertation*: A Study of First Year Secondary School  
Science Teachers Who Completed Preservice Programs at  
The Ohio State University  
*Field of Specialization*: Education
- Celeste Mary Brody, Jordan, N. Y.  
B.A. (Catholic University of America); M.A.Ed.  
(Syracuse University)  
*Dissertation*: An Exploratory Study of Student Classroom  
Behavior at It Influences the Social System of the  
Classroom  
*Field of Specialization*: Education
- Marcus William Bruce, Sykesville, Md.  
B.S. (Western Maryland College); M.S. (West Virginia  
University)  
*Dissertation*: A Survey of Attitudes of Administrators  
and Other Faculty in Regards to Faculty Work Load in  
Physical Education in Higher Education  
*Field of Specialization*: Physical Education
- Ronald Lee Burgher, Dayton  
B.S.Ed., M.A. (Bowling Green State University)  
*Dissertation*: An Exploration of the Relationship between  
the Self-Images of Agents and Various Rhetorical Choices  
Employed during Selected Student Movements  
*Field of Specialization*: Speech
- William G. Callahan, Syracuse, N. Y.  
B.S.Ed. (State College at Boston)  
*Dissertation*: The Effectiveness of Silence as a Reinforcer  
with the Educable Mentally Retarded and Its  
Relationship to the Construct of Locus of Control  
*Field of Specialization*: Education
- Elke Jurandy Bran Nogueira Cardoso, Piracicada, S. P.,  
Brazil  
Eng.Agr., M.S. (University of Sao Paulo)  
*Dissertation*: Influence of Light on the Oospore  
Germination of Several Species of *Pythium* and  
*Phytophthora*  
*Field of Specialization*: Plant Pathology
- Norma June Carr, Seattle, Wash.  
B.S. (University of California at Los Angeles);  
M.S. (University of Washington)  
*Dissertation*: The Effect of Objective and Subjective  
Television Camera Treatments on the Learning of  
Selected Psychomotor and Cognitive Aspects of  
Badminton Achievement of College Women  
*Field of Specialization*: Physical Education
- Patricia Mezo Carr, Columbus  
B.A., M.S.Ed. (Southern Illinois University)  
*Dissertation*: The Application of Micro-Counseling and  
Instructional Supervision in the Training of Teachers in  
Counselor Verbal Response Skills  
*Field of Specialization*: Education
- Arnaldo Carrasquillo, Rio Piedras, Puerto Rico  
B.S., M.S. (University of Puerto Rico)  
*Dissertation*: Small Ring N-Chloramine Solvolysis;  
Reactions of Some Strained Rings with Electron Deficient  
Acetylenes  
*Field of Specialization*: Chemistry
- David George Carter, Dayton  
B.S.Ed. (Central State University); M.Ed. (Miami  
University)  
*Dissertation*: Assessing How Planning-Programming-  
Budgeting-System Enhances the Potential of Decision-  
Makers to Be Accountable in Selected School Districts  
*Field of Specialization*: Education

- Howard Samuel Case, Westminster, Md.  
B.S., M.Ed. (Western Maryland College)  
*Dissertation:* Detraining Following Two Frequencies of High Volume Interval Training  
*Field of Specialization:* Physical Education
- Francis Joseph Cesario, Jr., Columbus  
B.S.M.E. (University of Massachusetts); M.S. (Montana State College)  
*Dissertation:* Parameter Estimation in Trip Distribution Modeling  
*Field of Specialization:* Industrial Engineering
- Burley Dean Channer, Berkeley  
B.A. (University of Kansas); M.A. (Middlebury College)  
*Dissertation:* Lyrical Structure in Two Novels of Wilhelm Lehmann: *Der Bilderstürmer* and *Weingott*  
*Field of Specialization:* German
- Hsien Chen Cheng, St. Louis, Mo.  
B.S. (National Taiwan University); M.A. (Washington University)  
*Dissertation:* Isoenzymes of Hexokinase in Rat Testes at Various Developmental and Endocrine States  
*Field of Specialization:* Dairy Science
- David K-P Cheung, Corvallis, Ore.  
B.S., M.S. (Oregon State University)  
*Dissertation:* Small Signal Impedance of P<sup>+</sup> -I-N<sup>+</sup> Diode under High Level Injection  
*Field of Specialization:* Electrical Engineering
- Long Fay Chin, Selangor, Malaysia  
B.S. (University of Western Australia)  
*Dissertation:* A Survey of Science Teaching in the Public Secondary Schools of the Great Lakes and Far West Regions of the United States in the 1970-71 School Year  
*Field of Specialization:* Education
- Sang-Sam Choi, Chapel Hill, N. C.  
B.S. (University of North Carolina); M.S. (Michigan State University)  
*Dissertation:* The External Photoelectric Effect from Adsorbed Cyanine Dyes  
*Field of Specialization:* Physics
- Charles Thornton Christine, Newark  
B.S.Ed. (Temple University); M.Ed. (Ohio University)  
*Dissertation:* An Investigation of Three Teaching Theories  
*Field of Specialization:* Education
- Calvin Lee Christman, Belle Center  
A.B. (Dartmouth College); M.A., M.A.T. (Vanderbilt University)  
*Dissertation:* Ferdinand Eberstadt and Economic Mobilization for War, 1941-1943  
*Field of Specialization:* History
- Marilyn Fairfax Colby, Falls Church, Va.  
B.S. in Phys. Ed. (The Women's College of the University of North Carolina at Greensboro); M.S. in Phys. Ed. (Indiana University)  
*Dissertation:* The Amount of Information Feedback Essential to Error Correction in Putting  
*Field of Specialization:* Physical Education
- Lawrence Edward Cole, Jr., Albion, N. Y.  
B.S. in Speech, M.S. (Emerson College)  
*Dissertation:* A Study of Some Relationships of Social Sensitivity and Leadership Selections  
*Field of Specialization:* Speech
- Arnold Roy Collen, Walnut Creek, Calif.  
B.A. (San Francisco State College); M.A.  
*Dissertation:* Category Repetition and Proactive Inhibition in Short-Term Memory  
*Field of Specialization:* Psychology
- John Charles Comer, Columbus  
B.A. (Miami University); M.A. (Kent State University)  
*Dissertation:* Political Orientations and Voting Behavior: A Study of Independents and Party Identifiers  
*Field of Specialization:* Political Science
- Edward Vincent Cosgrove, Columbus  
B.S. (Georgetown University); M.S. (Northeastern University)  
*Dissertation:* Control of Ribonucleic Acid Synthesis in *Escherichia coli* with B-Phenethyl Alcohol  
*Field of Specialization:* Microbiology
- Dennis McKelvey Courtney, Edinboro, Pa.  
A.B., M.A. (Wayne State University)  
*Dissertation:* The Effects of Member Power, Power Motivation and Set to Cooperate or Compete with Other Group Members in Small Decision-Making Groups  
*Field of Specialization:* Psychology
- Joshua Crane, Lake Worth, Fla.  
A.B. (Guilford College); M.A. (University of Florida)  
*Dissertation:* An Investigation of Cast and Audience Semantic Agreement in Readers Theatre Productions  
*Field of Specialization:* Speech
- Emily L. Cronau, South Plainfield, N. J.  
A.B. (Indiana University); M.A.  
*Dissertation:* Narrative and Lyric Motifs in the Fifteenth Century Spanish Sentimental Novel  
*Field of Specialization:* Romance Languages
- Roger Bruce Culver, Fort Collins, Colo.  
B.A. (University of California); M.S.  
*Dissertation:* An Analysis of the Spectrum of the Irregular Variable CY Cygni in the Wavelength Region 5000A-6700A  
*Field of Specialization:* Astronomy
- Elizabeth West Davidson, Columbus  
B.S. (Mount Union College); M.S.  
*Dissertation:* Ultrastructure of Peritrophic Membrane Development and American Foulbrood Disease Pathogenesis in Larvae of the Worker Honey Bee, *Apis mellifera* L. (Hymenoptera: Apidae)  
*Field of Specialization:* Entomology
- Ann Schwarcz Davis, Lebanon  
B.A.; M.S.S.W. (University of Louisville)  
*Dissertation:* Schizophrenics in the Community: A Follow-Up  
*Field of Specialization:* Sociology

\* Degree granted in cooperation with Miami University

- Charles Stanley Davis, Columbus  
B.S. in Bus. (Indiana University); M.B.A.  
*Dissertation*: Factors Affecting the Selection and Use of University-Sponsored Executive Development Programs  
*Field of Specialization*: Business Administration
- Michael Lewis Dean, Cincinnati  
A.B. (University of Michigan); M.B.A.  
*Dissertation*: The Influence of Promotional Copy Claims on Consumer Attitudes toward Selected Products: An Empirical Study  
*Field of Specialization*: Business Administration
- Woodrow Steven Demmy, Fairborn  
B.I.E., M.S.  
*Dissertation*: Inventory Management Subject to Financial Constraints  
*Field of Specialization*: Industrial Engineering
- Daniel Zai-Foo Deng, Hsin-Chu, Taiwan  
B.S. (National Taiwan University); M.S.M.E. (Syracuse University)  
*Dissertation*: Dynamic Stability of a Cylindrical Shell in an Acoustic Medium  
*Field of Specialization*: Engineering Mechanics
- John David Dennis, Johnson City, N. Y.  
B.S.Ind.Eng. (University of Illinois); M.S.Ind.Eng. (Purdue University)  
*Dissertation*: Some Considerations in the Design of Computer Languages for Interactive Problem Solving  
*Field of Specialization*: Industrial Engineering
- Lila Egan Dennis, Columbus  
B.S. in Edu., M.A.  
*Dissertation*: Representational Competence of Young White Deaf and Hearing Children from Different Socio-Economic Backgrounds  
*Field of Specialization*: Psychology
- Walter Joseph Diewald, Columbus  
B.S.C.E. (University of Dayton); M.S.  
*Dissertation*: Investigation of a Combined Photographic and Computer Simulation Technique for Use in the Study of Isolated Intersections  
*Field of Specialization*: Civil Engineering
- John Franklin Disinger, Rochester, N. Y.  
B.S.Ed. (State Teachers College at Brockport); M.A.Ed. (University of Rochester)  
*Dissertation*: Student Development, Teacher Characteristics and Class Characteristics in Junior High School Science  
*Field of Specialization*: Education
- William Irving Dorfman, Scranton, Pa.  
B.S. (University of Scranton); M.A.  
*Dissertation*: A Factor Analytic Study of the Structure Underlying Ratings of Specified Person-Concepts  
*Field of Specialization*: Psychology
- Brian Richard Durbrow, Cincinnati  
B.B.A. (State University of Iowa); M.S. (Northern Illinois University)  
*Dissertation*: Inter-Firm Executive Mobility: An Empirical Study of Relationships, Comparisons, and Patterns  
*Field of Specialization*: Business Administration
- Lynn Alan Ebersole, Columbus  
A.B. (Wittenberg University); M.S.  
*Dissertation*: The Effects of Interactions of Longitudinal Vein Mutants with Selected Modifiers and Temperature in *Drosophila melanogaster*  
*Field of Specialization*: Genetics
- Victor Earl Edmonds, Columbus  
B.S.Ed. (University of Dayton); M.A.  
*Dissertation*: Definition of the Free Schools Movement in America, 1967-1971  
*Field of Specialization*: Education
- Frank Thomas Eggemeier, Covington, Ky.  
B.A. (University of Dayton); M.A.  
*Dissertation*: Multidimensional Encoding in Short-Term Memory  
*Field of Specialization*: Psychology
- Ram Mohan Engira, Ludhiana, India  
B.S.Elec.Eng. (Panjab University); M.S.  
*Dissertation*: A Study of the Magnetic Field Associated with Neuronal Activity in Nerve Bundles  
*Field of Specialization*: Electrical Engineering
- Clinton Allen Erb, North Syracuse, N. Y.  
B.M.E. (Clarkson College of Technology); M.S.Ed. (Syracuse University)  
*Dissertation*: A Formative Evaluation of an Experimental Teacher Education Project for Juniors in Mathematics Education at The Ohio State University  
*Field of Specialization*: Education
- Robert Kenneth Evans, Cincinnati  
B.Mus. (New England Conservatory of Music)  
*Dissertation*: The Early Songs of Sergei Prokofiev and Their Relation to the Synthesis of the Arts in Russia: 1890-1922  
*Field of Specialization*: Music
- James Walter Eyster, Canfield  
B.M.E., M.S.  
*Dissertation*: Optimal Self-Perpetuating Flow in a Closed-Loop Air Traffic Control Network  
*Field of Specialization*: Industrial Engineering
- Francis Afolabi Fajemirokun, Okeigbo, Nigeria  
B.S. (University of Nigeria); M.S.  
*Dissertation*: Application of New Observational Systems for Selenodetic Control  
*Field of Specialization*: Geodetic Science
- James Alvin Fannin, Lancaster  
B.S.Ed., M.A. (Ohio University)  
*Dissertation*: Some Aspects of Automobile Bodily Injury Liability Insurance, 1925-1968: A Study in Social Adjustment to Technical Change  
*Field of Specialization*: History
- Lynn Anderson Fanta, Cincinnati  
B.A., L.L.B.  
*Dissertation*: Crisis Ideology in American Social Thought: Its Implications and Impact upon Education  
*Field of Specialization*: Education

Eston Christis Farrell, Jr., Columbus  
B.A. (Eastern Nazarene College); M.S.  
*Dissertation*: The Partial Characterization of  
Mitochondrial CPK and Its Release from Mitochondria: A  
Background Study for the Understanding of Myocardial  
Infarction  
*Field of Specialization*: Physiological Chemistry

Jon J. Fauley, Roseville  
B.S. in Phar.  
*Dissertation*: The Synthesis and Pharmacological  
Evaluation of Certain Rigid and Non-Rigid Adrenergic  
Agents  
*Field of Specialization*: Pharmacy

Sister Camille Ference, Columbus  
B.A. (Saint Xavier College); M.Educ. (University of  
Toledo)  
*Dissertation*: Prediction of Creativity by Means of  
Interest Measures  
*Field of Specialization*: Education

Dale Leroy Ford, Columbus  
B.S. in Phys., M.S.  
*Dissertation*: Line Parameters of  $N_2O$  near  $4.5 \mu m$   
Determined from Absorption Spectra Obtained with a  
Fabry-Perot Interferometer  
*Field of Specialization*: Physics

Nancy Carolyn Fowler, Lima  
B.S. in Edu., M.A.  
*Dissertation*: The Effects of Instrument Orientation and  
Abstraction on Motor Response Time and Accuracy to  
Slide Presentations of Oboe Fingerings  
*Field of Specialization*: Music

Ruth Amelia Fox, Oakland, Md.  
B.A., M.A.  
*Dissertation*: The Tangled Chain: The Structure of  
Disorder in *The Anatomy of Melancholy*  
*Field of Specialization*: English

Michele Fratianni, Bloomington, Ind.  
B.A., M.A.  
*Dissertation*: Bank Credit Formation, Money Supply  
Processes, and Monetary and Fiscal Policies in an Open  
Economy: The Italian Experience, 1958-1969  
*Field of Specialization*: Economics

Linda Sue Frey, Columbus  
B.A., B.S. in Edu., M.A.  
*Dissertation*: Anglo-Prussian Relations, 1703-1708:  
Thomas Wentworth, Baron Raby's Mission to Berlin  
*Field of Specialization*: History

Marsha Lee Frey, Columbus  
B.A., B.S. in Edu., M.A.  
*Dissertation*: Austria's Role as an Ally of the Maritime  
Powers during the Early Years of the War of the Spanish  
Succession, 1701-1706  
*Field of Specialization*: History

John A. Friel, Columbus  
B.M.E. (Stevens Institute of Technology); M.B.A.  
(University of Southern California)  
*Dissertation*: A Methodology for the Analysis of the  
Interdiction of a Primitive Logistic System  
*Field of Specialization*: Industrial Engineering

Edward Kunio Fujimoto, Honolulu, Hawaii  
B.A., M.A. (University of Hawaii)  
*Dissertation*: The Comparative Communicative Power of  
Verbal and Nonverbal Symbols  
*Field of Specialization*: Speech

Jean Paul Gagnon, Storrs, Conn.  
B.S.Pharm., M.S. (University of Connecticut)  
*Dissertation*: An Examination of the Effect of Pharmacy  
Operating Characteristics, Drug Classification and  
Method of Payment on the Gross Margins of Prescription  
Drugs  
*Field of Specialization*: Pharmacy

Roger Michael Glaser, Laurelton, N. Y.  
B.A., M.S.Ed. (Queens College)  
*Dissertation*: Metabolism of Exercised and Cold Stressed  
Mice during and following Hypoxia and Hyperoxia  
*Field of Specialization*: Physical Education

Joan Irene Glazer, Columbus  
B.S. in Edu., M.A.  
*Dissertation*: The Development of the Glazer Narrative  
Composition Scale  
*Field of Specialization*: Education

Karen Kircher Glendenning, Columbus  
B.S. (University of Washington); M.A.  
*Dissertation*: The Effects of Septal and Amygdaloid  
Lesions on Social Behavior of the Cat  
*Field of Specialization*: Psychology

Robert Lewis Glendenning, Columbus  
B.S., M.A.  
*Dissertation*: Effects of Training between Two Unilateral  
Lesions of Visual Cortex in Sparing Black-White  
Discrimination Habits  
*Field of Specialization*: Psychology

James Douglas Glore, Detroit  
B.S. (University of Michigan)  
*Dissertation*: The Physical and Chemical Properties of  
Bis-( $\mu$ -Dimethylamino) Bis- $\mu$ -Dihydrid-octamethyl-  
tetraalane  
*Field of Specialization*: Chemistry

Lillie Beasley Glover, Columbus  
B.S. (South Carolina State College); M.A. (New York  
University)  
*Dissertation*: Concepts, Generalizations, and Behavioral  
Objectives: Feasibility of Mini Conference Instruction  
for Secondary Teachers  
*Field of Specialization*: Home Economics

Sonia Kovitz Gotman, Columbus  
B.A., M.A.  
*Dissertation*: Cexov's Use of Irony in His Fiction  
*Field of Specialization*: Slavic Languages and Literature

Robert William Gotshall, Carrollton  
B.S. (Mount Union College); M.S.  
*Dissertation*: Water and Electrolyte Metabolism in  
Adrenalectomized-nephrectomized Rats and the Effects of  
Adrenalcortical Hormone Replacement  
*Field of Specialization*: Physiology

John Jay Graening, Elgin, Ill.  
A.B. (Knox College); A.M. (Rutgers University)  
*Dissertation:* An Evaluation of a Secondary Mathematics Teacher Education Program Emphasizing School Experiences in Contrasting Cultural Settings  
*Field of Specialization:* Education

Mildred Wines Graham, Columbus  
B.S.H.E. (West Virginia University); M.A.  
*Dissertation:* Development of an Inservice Program for Geology Teaching Assistants to Reduce Role Conflict and to Improve Teaching Skills  
*Field of Specialization:* Education

Arthur Edward Greene, Montclair, N. J.  
B.S.  
*Dissertation:* A Study of SC Stars  
*Field of Specialization:* Astronomy

Glenda Ruth Williams, Columbus  
B.A. (Otterbein College); M.S. (Ohio University)  
*Dissertation:* Cardio Respiratory Responses during Exercise as Related to Females of Different Training Levels  
*Field of Specialization:* Physical Education

Ashok Kumar Gumbhir, Chandigarh, India  
B.Pharm. (Panjab University); M.S. (University of Minnesota)  
*Dissertation:* The Determination and Evaluation of the Economic Significance of the Consumer Price Differentials between Generic and Brand Name Prescriptions  
*Field of Specialization:* Pharmacy

John Duncan Gunner, Winchester, England  
B.A. (New College, Oxford University)  
*Dissertation:* Age and Origin of the Nimrod Group and of the Granite Harbour Intrusives, Beardmore Glacier Region, Antarctica  
*Field of Specialization:* Geology

Raymond Michael Haines, New Carlisle  
A.B. (Hiram College); M.A.  
*Dissertation:* Fortune, Nature, and Grace in Chaucer's *Canterbury Tales*  
*Field of Specialization:* English

John Raymond Hall, III, Pekin, Ill.  
B.S., M.S. (University of Illinois)  
*Dissertation:* The Effect of Phosphorus, Season, and Method of Sampling on Foliar Analysis, Mineral Depletion, and Yield of Merion Kentucky Bluegrass  
*Field of Specialization:* Agronomy

John Wesley Hall, Pendleton, S. C.  
A.B. (Morris College); M.A.  
*Dissertation:* The Effects of Supportive Services for Disadvantaged College Students  
*Field of Specialization:* Education

John Dwight Harder, Fort Collins, Colo.  
B.A. (Hastings College); M.S. (Colorado State University)  
*Dissertation:* The Application of an Antifertility Agent in the Control of a White-Tailed Deer Population  
*Field of Specialization:* Zoology

Earl August Hartzer, Smithville  
B.A. (College of Wooster)  
*Dissertation:* Nuclear Magnetic Resonance Spin Echoes in Solid H<sub>2</sub>  
*Field of Specialization:* Physics

Thomas Clark Hatcher, Mt. Morris, Pa.  
B.S. in Ed.Ed., A.M. (West Virginia University)  
*Dissertation:* The Development of Comprehension Skills in Selected Basal Readers  
*Field of Specialization:* Education

James Cummins Hazlett, Wheeling, W. Va.  
B.A. (Kenyon College); M.S. (Medical College of Georgia)  
*Dissertation:* Ascending Spinal Projections to the Cerebellum, Brainstem and Diencephalon in the American Opossum, *Didelphis marsupialis virginiana*  
*Field of Specialization:* Anatomy

Linda Dondero Hazlett, Wheeling, W. Va.  
B.S. (Saint Mary's College, Indiana); M.S. (Medical College of Georgia)  
*Dissertation:* Short Term Effects of Actinomycin D and Nitrogen Mustard on Murine Lymphocytic Leukemia P388  
*Field of Specialization:* Anatomy

Janet Craig Heddesheimer, Columbus  
B.A. (Coe College); M.A.  
*Dissertation:* A Computer-Based Management and Education Information System for Counselor Education  
*Field of Specialization:* Education

Ronald Nelson Helms, Peoria, Ill.  
B.Arch., M.S. (University of Illinois)  
*Dissertation:* Evaluation of the Visual Effectiveness of Selected Luminous Environments by the RCS Method  
*Field of Specialization:* Biophysics

Samuel Thompson Henderson, Athens  
B.S. (Ohio University); M.A.  
*Dissertation:* A Study of Processes for Selecting School Superintendents  
*Field of Specialization:* Education

Paul Wilson Henshaw, Columbus  
B.A. (Adrian College); M.Div. (Methodist Theological School in Ohio); M.A.  
*Dissertation:* The Development of a Projective Technique for Analyzing the Interpersonal Needs of Kindergarten Children  
*Field of Specialization:* Education

James Tromp Heringer, Jr., Worthington  
A.B. (Harvard University)  
*Dissertation:* Some Grammatical Correlates of Felicity Conditions and Presuppositions  
*Field of Specialization:* Linguistics

Charles Jefferson Hicks, Jr., Columbus  
B.S.Ed. (Central State College); M.A.  
*Dissertation:* The Effects of Short-Term Group Counseling on the Interpersonal Behaviors of Urban Teacher Education Students  
*Field of Specialization:* Education

- Joyce Patricia Webb Hicks, Columbus  
B.S. (Fort Valley State College); M.S. in L.S. (Atlanta University)  
*Dissertation*: A Study of the Effectiveness of Self-Conceptual Development and Academic Tutoring on the Achievement of Inner-City Youths  
*Field of Specialization*: Education
- Tatsuo Higa, Nago, Okinawa  
B.E. (Yokohama National University); M.S.  
*Dissertation*: Investigation of the Oxidations Effected by Thionyl Chloride  
*Field of Specialization*: Chemistry
- Charles H. Hircock, Columbus  
B.A.Ed., M.S.Ed. (Nebraska State Teachers College)  
*Dissertation*: Charlie Hayse Foster: His Life and Contributions to Physical Education, Athletics, and Students  
*Field of Specialization*: Physical Education
- Ellen Rozelle Hock, Columbus  
B.S. in Edu., M.A.  
*Dissertation*: Cardiac Response of Premature and Full Term Neonates to Auditory and Tactile Stimulation  
*Field of Specialization*: Psychology
- James Milton Hodges, Westerville  
B.S. (Northeastern State College); M.S. (University of Southern California)  
*Dissertation*: Estimation of Pentose Cycle Activity from the Degree of Recycling in Human Erythrocytes and Leukocytes  
*Field of Specialization*: Pathology
- Bruce Lynn Hollering, Columbus  
B.S. in Edu. (Ohio Northern University); M.A. (Kent State University)  
*Dissertation*: Metabolic Energy Sources as Affected by a Seven-Week Program of Interval Training  
*Field of Specialization*: Physical Education
- Sandra Jo Hornick, Kent  
B.S. in Edu., M.Edu. (Bowling Green State University)  
*Dissertation*: A Study of Teachers' Use of Recommended Directed Reading Activities  
*Field of Specialization*: Education
- Carl Leonidas Housmyer, Columbus  
B.S.  
*Dissertation*: Spectroelectrochemical Instrumentation and Apparatus for Studies of Solutions Flowing through the Tubular Electrode  
*Field of Specialization*: Pharmacy
- Paul Daniel Jachimiak, Lima  
B.Chem.E. (University of Detroit); M.S.  
*Dissertation*: Time-Dependent, Non-Newtonian Behavior of Viscoelastic Materials  
*Field of Specialization*: Chemical Engineering
- Jean Anthony Jochenning, Columbus  
A.B., M.A. (Fordham University)  
*Dissertation*: The Rhetoric of Self-Vindication, 1950-1970  
*Field of Specialization*: Speech
- Chester George Jones, Kettering  
B.M.E. (Syracuse University); M.S. in E.E. (University of Illinois)  
*Dissertation*: Attrition of Bombers as a Function of Weapon Load and Grouping of the Airborne Defense  
*Field of Specialization*: Industrial Engineering
- Charles William Keller, Delaware  
B.A. (Hamline University); M.Mus. (University of Michigan)  
*Dissertation*: The Piano Sonatas of Nicholas Medtner  
*Field of Specialization*: Music
- Encil Glen Keyser, Columbus  
B.S. in Agr.; M.S. (University of Arkansas)  
*Dissertation*: Teratogenic Effects of Antimetabolites in the Chick Embryo and Their Relation to Physical and Chemical Properties of Tissue Proteins  
*Field of Specialization*: Poultry Science
- Sue Wilson Kirkpatrick, West Liberty  
B.S. in H.E., M.S.  
*Dissertation*: Adjustment to Parenthood: A Structural Model  
*Field of Specialization*: Home Economics
- Frederick William Kleinhans, Granville  
B.S. (University of Michigan)  
*Dissertation*: Electron Paramagnetic Resonance in Mg-Mn  
*Field of Specialization*: Physics
- Jaqueline Agnew Kleinman, Columbus  
B.A.  
*Dissertation*: Public/Private — The Education of Soren Kierkegaard  
*Field of Specialization*: Philosophy
- Allen Richard Kraska, Columbus  
B.S.  
*Dissertation*: The Rearrangement of 2-Methylbenzylidene; Steric and Electronic Effects in Alkyl Migrations to Divalent Carbon  
*Field of Specialization*: Chemistry
- Burton Jay Krohn, Nashville, Tenn.  
B.S. (Vanderbilt University); M.S.  
*Dissertation*: Calculation of Vibration-Rotation Energies of Diatomic Molecules to Sixth Order of Approximation and Bent Symmetrical XY<sub>2</sub> Triatomic Molecules to Fourth Order by an Improved Systematic Perturbation Procedure  
*Field of Specialization*: Physics
- Marion David Kunkel, Cincinnati  
B.A., M.A. (Xavier University)  
*Dissertation*: Inquiry in the Secondary English Class  
*Field of Specialization*: Education
- Omkar Nath Kunzru, Bikaner, India  
B.S., B.V.S. and A.H. (University of Rajputana); M.S. (Michigan State University)  
*Dissertation*: Role of the Area Extension Agents in Program Development as Perceived by Selected Extension Personnel  
*Field of Specialization*: Agricultural Education

Mohammed Yousouf Kurmally, Mauritius  
B.A. (University of New Brunswick) ; M.A.  
*Dissertation*: Martial's Attitude towards Women  
*Field of Specialization*: Classics

Robert Henry Lavelly, Terre Haute, Ind.  
B.A., M.S. (Indiana State Teachers College)  
*Dissertation*: An Investigation Comparing Primary Mental Abilities of Trainable Mentally Retarded Children, Educable Mentally Retarded Children, and Normal Children with Comparable Mental Ages  
*Field of Specialization*: Education

Joe Lee, Taipei, Taiwan  
B.S. Engr. (National Taiwan University) ; M.E. (Seato Graduate School of Engineering)  
*Dissertation*: The Multi-Linear Speed-Density Relationship and Its Immediate Applications  
*Field of Specialization*: Civil Engineering

Phyllis Koran Leffler, Alexandria, Va.  
B.A. (Queens College of the City University of New York) ; M.A. (University of Sussex)  
*Dissertation*: *L'Histoire Raisonnée*: A Study of French Historiography, 1660-1720  
*Field of Specialization*: History

Ronald Raymond Lentz, Columbus  
B.E.E., M.S.  
*Dissertation*: A Numerical Study of Electromagnetic Scattering from Ocean-Like Surfaces  
*Field of Specialization*: Electrical Engineering

Chii-fa Lin, Hsin-Chu, Taiwan  
B.S. in Agr. (National Taiwan University) ; M.S.  
*Dissertation*: The Casein Stabilizing Function of Sulfated Hydrocolloids  
*Field of Specialization*: Dairy Technology

Billy Lee Lockman, San Diego, Calif.  
A.B., B.S. (San Diego State College) ; M.S.  
*Dissertation*: Reactions between Alkali Metals and Pentaborane-9, A Preliminary Investigation  
*Field of Specialization*: Chemistry

Chalsa Mary Loo, Honolulu, Hawaii  
A.B. (University of California at Berkeley) ; M.A.  
*Dissertation*: The Effects of Spatial Density on the Social Behavior of Children  
*Field of Specialization*: Psychology

Doris Liechty Lora, Toledo  
B.S.Ed. (Bluffton College) ; M.A.  
*Dissertation*: The Perception of the Motive in the Bach Chorale Preludes  
*Field of Specialization*: Music

Alan Searing Loxterman, Columbus  
B.A. (Kenyon College) ; M.A. (University of Chicago)  
*Dissertation*: The Giant's Foot: A Reading of *Wuthering Heights*  
*Field of Specialization*: English

John Howard Lucy, Farmington, Pa.  
B.S.Ed. (State Teacher's College at California, Pennsylvania) ; A.M. (West Virginia University)  
*Dissertation*: A Descriptive Study of Emergency Teacher Certification Programs in Industrial Arts Education in Ohio and Related Programs throughout the United States  
*Field of Specialization*: Education

Oliver Reese Lumpkin, Savannah, Ga.  
B.S. (Fort Valley State College) ; M.Ed. (Tuskegee Institute)  
*Dissertation*: Characteristics of Disadvantaged Rural Youth in Southern Secondary Schools  
*Field of Specialization*: Agricultural Education

Jesse Lynch Lynn, Jr., Charlottesville, Va.  
B.S. (Davidson College)  
*Dissertation*: Bifunctional Catalysis of  $\alpha$ -Hydrogen Exchange in Isobutyraldehyde-2-d by 1-Dimethylamino-8-Amino-2-Octyne  
*Field of Specialization*: Chemistry

David George Mader, Worthington  
B.S. (Marion College) ; M.S.  
*Dissertation*: A Study of Strategies for Selection of Students for Individually Paced Sections of a College Mathematics Course  
*Field of Specialization*: Education

Jack Roger Manischewitz, West Orange, N. J.  
A.B., M.S. (Rutgers College)  
*Dissertation*: A Numerical Phenetic Study of the Snake Mites of the Family Ixodorhynchidae (Acari: Mesostigmata)  
*Field of Specialization*: Entomology

Kurt Myron Marshek, Clintonville, Wis.  
B.S.M.E., M.S.M.E. (University of Wisconsin)  
*Dissertation*: Invariance Analysis: Advances and Applications  
*Field of Specialization*: Mechanical Engineering

Alexander Robert Martin, Delaware  
B.S. in Agr., M.S.  
*Dissertation*: Bud Dormancy in Canada Thistle as Influenced by Shoot Excision and Plant Hormones  
*Field of Specialization*: Agronomy

John Stuart Martin, Columbus  
B.A., M.A.  
*Dissertation*: Clarifying the Semantic and Grammatical Characteristics of the Non-Countable Noun through Classification, Comparison and Vocabulary  
*Field of Specialization*: Education

Samuel Albert Martin, Wayland, Mass.  
B.S. in Met. E. (Lafayette College)  
*Dissertation*: A Study of the Effect of Copper Concentration and Heat Treatment on the Structure and Hardness of CD-4MCu Stainless Steel  
*Field of Specialization*: Metallurgical Engineering

Morris Glen Mast, Ephrata, Pa.  
B.S.Ed. (Goshen College) ; M.S.  
*Dissertation*: Influence of the Growth of Psychrophilic Microorganisms on the Flavor and Selected Chemical Components of Chicken Meat  
*Field of Specialization*: Poultry Science

Joseph Sylvester Matney, Grundy, Va.  
B.S. (Virginia Polytechnic Institute) ; M.S.  
*Dissertation*: Some Descriptive Models of Single Facility Sequencing with Interactive Service Times  
*Field of Specialization*: Industrial Engineering



- Sister Patricia Alice McCabe, Princeton, N. J.  
B.A. (Albertus Magnus College); M.A. (Catholic University of America)  
*Dissertation:* Interactions among Microbial Cells, Enzymes, Substrates and Clay Minerals  
*Field of Specialization:* Microbiology
- Clair Wylie McClure, Mercer, Pa.  
B.S. (Thiel College); M.A.  
*Dissertation:* Effectiveness of Mathematics Laboratories for Eighth Graders  
*Field of Specialization:* Education
- James Michael McCormack, Westerville  
B.S.Mech.Eng. (University of Rochester); M.S. (Air Force Institute of Technology)  
*Dissertation:* The Determination of Thermodynamic Properties by Mass Spectrometry in the Ni-Co, Co-Cr, Ni-Cr and Ni-Co-Cr Systems  
*Field of Specialization:* Metallurgical Engineering
- Joseph Lee McCullough, Yeadon, Pa.  
B.A. (Villanova University); M.A.  
*Dissertation:* The Use of a Measure of Net Counterargumentation in Differentiating the Impact of Persuasive Communications  
*Field of Specialization:* Psychology
- Dennis Neil McFadden, Columbus  
B.A., M.A.  
*Dissertation:* Cognitive Theory as Related to Psychometric Factors of Intelligence  
*Field of Specialization:* Psychology
- James Calvin McFeeley, Shiloh  
B.S.Ed. (Otterbein College); M.S. (Ohio University)  
*Dissertation:* Studies on *Phyllosticta* Diseases of Corn in Ohio  
*Field of Specialization:* Plant Pathology
- Ronald Leon McIntyre, Cleveland  
B.A., M.A. (Brigham Young University)  
*Dissertation:* Managerial Roles in Public Television and Academic Subjects Applicable to Role Fulfillment  
*Field of Specialization:* Speech
- Judith Asbell McMillen, Columbus  
B.M. (DePauw University); M.S. (Purdue University)  
*Dissertation:* A Feasibility Study of a Self-Paced, Performance-Based, Laboratory-Centered Music Fundamentals Course for Prospective Elementary Classroom Teachers  
*Field of Specialization:* Education
- Bruce Alan McNair, Cambridge  
B.A., B.S.Ed. (Bowling Green State University); M.Ed. (Wittenberg University)  
*Dissertation:* Freedom of Choice for Students in the Primary School  
*Field of Specialization:* Education
- Keith Eugene Meske, Columbus  
B.A., M.A. (Kent State University)  
*Dissertation:* The Effects of Hyperoxia and Hypoxia on Spontaneous Avian Atherosclerosis  
*Field of Specialization:* Physiology
- David Melvin Mickelson, Worcester, Mass.  
B.A. (Clark University); M.S. (University of Maine)  
*Dissertation:* Glacial Geology of the Burroughs Glacier Area, Southeastern Alaska  
*Field of Specialization:* Geology
- James Russell Miller, Columbus  
B.S. in Agr., M.S.  
*Dissertation:* A Theoretical Model to Improve the Extension Education Outreach of The Ohio State University; Utilizing Marketing, Behavioral, Business, Management, and Systems Concepts  
*Field of Specialization:* Agricultural Education
- Larry Reed Miller, Columbus  
B.S.Ed., M.Ed. (Bowling Green State University)  
*Dissertation:* The Comparison of the Cognitive Achievement and Affective Behavior of Students Enrolled in the Industrial Arts Curriculum Project Program with Students Enrolled in Conventional Industrial Arts Programs  
*Field of Specialization:* Education
- Randall Martin Miller, Chicago, Ill.  
A.B. (Hope College); M.A.  
*Dissertation:* The Cotton Mill Movement in Antebellum Alabama  
*Field of Specialization:* History
- Richard Earl Miller, Westerville  
B.A. (Capital University); M.A.  
*Dissertation:* The Nonrenewal of Untenured Teacher Contracts: Trends, Practices, and Implications for the Practice of Educational Administration  
*Field of Specialization:* Education
- Robert Christopher Miller, New Concord  
B.S. (University of Nebraska); M.S.  
*Dissertation:* Chromosome Abnormalities in 16 to 18 Hour Chick Embryos: A Study of Incidence and Modes of Origin  
*Field of Specialization:* Dairy Science
- Stuart Jerome Miller, Westerville  
B.S. in Agr., M.A.  
*Dissertation:* Post-Institutional Adjustment of 443 Consecutive TICO Releasees  
*Field of Specialization:* Sociology
- Wesley Carrol Miller, Columbus  
B.S. (Central Michigan College); M.A.  
*Dissertation:* Education and the Emerging Humanist Movement  
*Field of Specialization:* Education
- Stephen Joseph Milles, Buffalo, N. Y.  
B.S. (West Chester State College); M.A. (Villanova University)  
*Dissertation:* The Effect in Beginning Calculus of Homework Questions that Call for Mathematical Verbalization  
*Field of Specialization:* Education
- Charles William Minshall, Columbus  
B.S. in Edu., M.A.  
*Dissertation:* A Model of Residential Site Selection: The Jewish Population of Columbus, Ohio  
*Field of Specialization:* Geography

Ralph Ishman Mitchell, Columbus  
B.Ch.E., M.S.

*Dissertation:* Aerosol Retention in the Lungs as a Function of Respiration Rate and Particle Size  
*Field of Specialization:* Agricultural Engineering

Gene Allen Mittler, Elyria

B.S.Ed., M.F.A. (Bowling Green State University)  
*Dissertation:* Utilizing Counterattitudinal Role Playing and Inconsistency as an Instructional Strategy in Art Criticism  
*Field of Specialization:* Art Fashion

Mansour Mohammadian, Tehran, Iran  
M.S. (University of New Hampshire)

*Dissertation:* Phenotypic Variation Attributable to the Dwarf Allele, *dwe*, in Broiler Populations of the Domestic Fowl  
*Field of Specialization:* Poultry Science

Ram Mohan, Patna, Bihar, India

B.V.Sc. and A.H. (Magadh University); M.S.  
*Dissertation:* Studies of the Morphology and Survival Characteristics of Erythrocytes from Mice and Rats with *Plasmodium berghei* Infection  
*Field of Specialization:* Microbiology and Cellular Biology

William Shepherd Moore, II, Houston, Tex.

B.A. (Texas Agricultural and Mechanical University); M.A.  
*Dissertation:* A General Linear Programming Model of the Manufacturing Firm  
*Field of Specialization:* Economics

Robert Earl Mosier, Trenton, N. J.

B.A. (Trenton State College); M.Ed. (University of Illinois)  
*Dissertation:* Avoidance of Failure as a Life Style  
*Field of Specialization:* Psychology

Ronald Rodney Mourant, Columbus

B.A., M.A. (University of Florida)  
*Dissertation:* Strategies of Visual Search by Novice and Experienced Drivers  
*Field of Specialization:* Industrial Engineering

Robert William Mullen, Newton, Mass.

B.S., M.S. (Emerson College)  
*Dissertation:* An Analysis of the Issues Developed by Select Black Americans on the War in Vietnam  
*Field of Specialization:* Speech

Joseph Norman Murray, Vermilion

B.Educ., M.Educ. (University of Toledo)  
*Dissertation:* The Effects of Ritalin and Dexedrine upon Certain Behavioral Characteristics of Overactive Youngsters as Perceived by Parents and Teachers  
*Field of Specialization:* Education

John Alexander Negulesco, Columbus

A.B. (Western Reserve University); M.A. (Kent State University)  
*Dissertation:* Fracture Healing of Long Bones in Normal and Hypophysectomized Young Chickens under ACTH and Estrogen Treatment  
*Field of Specialization:* Anatomy

Lynn Dwayn Nelson, Columbus

B.A. (Abilene Christian College); M.A. (University of Alabama)  
*Dissertation:* The Orientational Function of Religion: An Empirical Investigation of Religion and Helping Action  
*Field of Specialization:* Sociology

Eze Ogbueri Ajoku Nwala, Port Harcourt, Nigeria

B.A.Hons. (University of Durham, Fourah Bay College, University College of Sierra Leone); M.A. (University of Ottawa)  
*Dissertation:* Spatial Patterns of Institutional Innovations within a Modernizing Society  
*Field of Specialization:* Geography

Keith Ryan Nyland, Brooklyn

B.A. (Baldwin-Wallace College); M.A.T. (University of Chicago)  
*Dissertation:* Doctor Thomas Walker (1715-1794) Explorer, Physician, Statesman, Surveyor and Planter of Virginia and Kentucky  
*Field of Specialization:* History

Charles Evan Oberly, Columbus

B.S.  
*Dissertation:* The Effect of Heat Current Modulation on the Velocity Fields and the Critical Reynolds Number in Helium II  
*Field of Specialization:* Physics

Phillip Nash Ogburn, Hilliard

D.V.M. (Washington State University)  
*Dissertation:* Right Ventricular Free Wall Excitation in the Goat with Experimental Right Ventricular Hypertrophy  
*Field of Specialization:* Veterinary Physiology and Pharmacology

Reginald Dennis Olson, Kingston, Ill.

B.A.; B.D. (Garrett Theological Seminary); M.A.  
*Dissertation:* Ministers on the Moon: Clergy Attitudes toward the Space Program  
*Field of Specialization:* Sociology

Jack Douglas Osman, Greenbelt, Md.

B.S. (West Chester State College); M.A. (University of Maryland)  
*Dissertation:* The Feasibility of Using Selected Value Clarifying Strategies in a Health Education Course for Future Teachers  
*Field of Specialization:* Physical Education (Health Education)

Leslie John Palkuti, Jr., Columbus

B.E.E., M.S.  
*Dissertation:* Analysis of the Radiation Induced Degradation in Lateral PNP Transistors  
*Field of Specialization:* Electrical Engineering

Haim Benzion Papo, Haifa, Israel

B.S., M.S. Civil Engin. (Technion Israel Institute of Technology)  
*Dissertation:* Optimal Selenodetic Control  
*Field of Specialization:* Geodetic Science

- Carmen Robert Parkhurst, Columbus  
B.S. in Agr., M.S.  
*Dissertation*: The Information Sources and Educational Needs of Commercial Poultrymen in Ohio  
*Field of Specialization*: Agricultural Education
- George Edward Parsons, Rochester, N. Y.  
B.S.Ed. (Indiana University)  
*Dissertation*: An Application of John Holland's Vocational Theory to an Empirical Study of Occupational Mobility of Men age 45-59  
*Field of Specialization*: Education
- Mohamad H. Parvand, Teheran, Iran  
B.S., M.Ed. (Central State University)  
*Dissertation*: A Study of Children's Acquisition of Piagetian Concepts  
*Field of Specialization*: Education
- Nellie Katherine Patson, Winnipeg, Man., Canada  
B.S., (University of Manitoba); M.S. (Iowa State University)  
*Dissertation*: Clothing Adequacy of Children Six to Eleven Years Old in Low Income Families  
*Field of Specialization*: Home Economics
- Joe Howard Payer, Columbus  
B.Met.E.  
*Dissertation*: The Dissolution Behavior of Carbides in Aqueous Environments  
*Field of Specialization*: Metallurgical Engineering
- Richard Alex Perkins, Milford, Ill.  
B.S. in Met. Engr. (University of Missouri at Rolla)  
*Dissertation*: The Diffusion of Chromium in Nickel Oxide  
*Field of Specialization*: Metallurgical Engineering
- Samuel Joseph Pezzillo, Birmingham, Ala.  
B.A. (Duquesne University)  
*Dissertation*: A Study of New Manuscripts of the *De Providentia* of Lucius Annaeus Seneca  
*Field of Specialization*: Classics
- Eswarjal Gopaldas Phadia, Hyderabad, India  
B.A. (Osmania University); M.A. (Karnatak University); M.S.  
*Dissertation*: On Estimation of a Cumulative Distribution Function  
*Field of Specialization*: Statistics
- Walter Stephen Phelan, Columbus  
A.B. (Pontifical College Josephinum); M.A.  
*Dissertation*: The Conflict of Courtly Love and Christian Morality in John Gower's *Confessio Amantis*  
*Field of Specialization*: English
- Ernest Edward Phelps, Vermillion, S.D.  
B.A., M.A. (Emerson College)  
*Dissertation*: The Office of Communication: The Participant Advocate — Its Functions as a Broadcast Citizen Group, March 1964 to March 1971  
*Field of Specialization*: Speech
- Joel Smith Poetker, Jackson  
B.A. (Muskingum College); M.A.T. (Miami University)  
*Dissertation*: The Curricular Appropriateness of the Social Studies Test Items Included in College Admission Examinations  
*Field of Specialization*: Education
- Dorothy Elaine Steingarten Pressman, Columbus  
B.A. (University of Manitoba); M.A.  
*Dissertation*: Phonemic, Syllabic, and Lexical Values Associated with Hesitations  
*Field of Specialization*: Speech
- Franklin Naveda Proano, Westerville  
Ldo, Lcdo, Doct. (Catholic University of Ecuador)  
*Dissertation*: Posibilidades Pluralisticas del Yo en los Personajes Literarios de Leopoldo Alas, "Clarín"  
*Field of Specialization*: Romance Languages
- Terence John Quinn, Albert Park, Australia  
B.A. (University of Melbourne); M.A. (Monash University)  
*Dissertation*: Toward a Pedagogical Grammar of the French Tense System: A Linguistic Analysis of Some Current Teaching Materials and Guidelines for Their Improvement  
*Field of Specialization*: Education
- Gene Edward Rapp, Davis, Calif.  
B.S., M.Ed. (University of California at Davis)  
*Dissertation*: Perceptions of the Role of an Agricultural Technician  
*Field of Specialization*: Agricultural Education
- Omkar Singh Rathore, Rajasthan, India  
B.S.Agr., M.S.Agr. (University of Rajasthan); M.S.  
*Dissertation*: Adoption of Extension Innovations among Selected Personnel in the Ohio Cooperative Extension Service  
*Field of Specialization*: Agricultural Education
- Dean Howell Reber, Rock Hill, S.C.  
B.S.Ch.E. (North Carolina State College); M.S.  
*Dissertation*: A Mathematical Model for Predicting Dynamic Behavior of a Plasticating Extruder  
*Field of Specialization*: Chemical Engineering
- William Leo Rettig, Indiana, Pa.  
B.S.Ed. (California State College, Pennsylvania); M.S.  
*Dissertation*: Views of Mathematics Held by a Selected Group of Secondary Mathematics Teachers in Pennsylvania  
*Field of Specialization*: Education
- Barry Lovell Richardson, Canton  
A.B. (Ohio University)  
*Dissertation*: Effects of X-Rays on the Free Amino Acid Concentration of the Hemolymph during the Last Larval Instar of the Wax Moth, *Galleria mellonella* (L.)  
*Field of Specialization*: Zoology
- Rayman Paul Richardson, Mexico, Mo.  
B.A. (Central Methodist College); M.S.T. (University of Missouri)  
*Dissertation*: Development and Use of the *SCI Inventory* to Measure Upper Elementary School Children's Scientific Curiosity and Interests  
*Field of Specialization*: Education
- Victor Lee Riemenschneider, Grove City  
B.S. in Agr., M.S.  
*Dissertation*: The Energy Environment and Survival of Chestnut Oak Seedlings in Four Plant Communities in Neotoma, a Small Valley in Southcentral Ohio  
*Field of Specialization*: Botany

- Lawrence Edward Riley, Sarasota, Fla.  
B.A. (Penn College); M.A. (Western Reserve University)  
*Dissertation*: Infant Mortality in the United States: A Sociological Analysis  
*Field of Specialization*: Sociology
- Kathleen Alice Rohaly, Pittsburgh, Pa.  
B.S. in H.Ed. (Lock Haven State Teachers College); M.S. (Pennsylvania State University)  
*Dissertation*: The Relationships between Movement Participation, Movement Satisfaction, Self-Actualization, and Trait Anxiety in Selected College Freshmen Women  
*Field of Specialization*: Physical Education
- Darrell Keith Root, Columbus  
B.S. in Edu. (Miami University); M.Edu.  
*Dissertation*: Educational Evaluation Training Needs of Superintendent of Schools  
*Field of Specialization*: Education
- Martha James Root, Lewisburg, Pa.  
B.A. (Miami University); M.A.  
*Dissertation*: Celtic Motifs in the Provençal Arthurian Romance, *Jaufré*: The Grail Legend before Perceval  
*Field of Specialization*: Romance Languages
- Annette Tannenholz Rosenblum, Flushing, N. Y.  
B.S. (Queens College); M.S. (University of Rochester)  
*Dissertation*: Problems in Conformational Analysis  
*Field of Specialization*: Chemistry
- Lawrence Jay Rosenblum, Little Neck, N. Y.  
B.A. (Queens College); M.S.  
*Dissertation*: Minkowski Convergents and the Product of Three Linear Homogeneous Forms  
*Field of Specialization*: Mathematics
- Barbara Rak Rosso, Columbus  
B.S. in Educ. (Kent State University); M.Ed. (Colorado State University)  
*Dissertation*: The Relationship between Knowledge of Word Recognition Generalizations and Reading Achievement  
*Field of Specialization*: Education
- Louis John Rosso, Columbus  
B.S. in Ed., M.A. (Kent State University)  
*Dissertation*: The Effects of Social and Token Response Contingent Consequences on the Modification of a Functional Articulatory Error  
*Field of Specialization*: Speech
- Earl Bell Russell, New Lenox, Ill.  
B.S. (University of Tennessee); M.S. (University of Illinois)  
*Dissertation*: Development of an Instrument to Measure the Change Orientation of Vocational Teachers  
*Field of Specialization*: Agricultural Education
- Otto Santos, Jr., Mayfield Heights  
B.S. (John Carroll University); M.Ed. (Kent State University)  
*Dissertation*: The Applicability of Innovative Business In-Service Teaching Methods, Techniques, and Devices to the In-Service Training of Business Education Teachers  
*Field of Specialization*: Education
- Donald T. Saposnek, Los Angeles, Calif.  
B.A. (University of California); M.A. (San Jose State College)  
*Dissertation*: A Developmental Study of Children's Sensitivity to Emotional Expressiveness of Adults  
*Field of Specialization*: Psychology
- August Bernard Scheid, St. Louis, Mo.  
B.A. (Cardinal Glennon College); Ed.M. (Saint Louis University)  
*Dissertation*: Levels of the Facilitative Core Conditions and Status of Counselor Introduction as Critical Variables in Client Perceptions of the Counselor  
*Field of Specialization*: Psychology
- Elinor Agnes Scheirer, Bethlehem, Pa.  
B.A. (Chatham College); M.A.  
*Dissertation*: Language Study in the Emerging School Curriculum: Criteria for Program Development  
*Field of Specialization*: Education
- \*Joseph Hugo Schlotterer, Crestline  
B.S.Ed. (University of Dayton); M.S.Ed. (Indiana)  
*Dissertation*: Identification of Influentials in Decision-Making within the Superintendent's Cabinet  
*Field of Specialization*: Education
- James Edward Schultz, Shorewood, Wis.  
B.S. (University of Wisconsin); M.S.  
*Dissertation*: Approaches to Teaching Mathematics Content to Prospective Elementary Teachers  
*Field of Specialization*: Education
- Robert Adolph Schulz, Jr., West Long Branch, N. J.  
B.A. (Saint Vincent College); B.S.M.E. (University of Notre Dame); M.B.A. (University of Pittsburgh)  
*Dissertation*: A Laboratory Study of Power Base-Conflict Relationships—As Applicable to Distribution Channels  
*Field of Specialization*: Business Administration
- Sandra Eileen Scott, Spring City, Tenn.  
B.S.Ed. (Bowling Green State University); M.A.  
*Dissertation*: A Remedial Motor Program for the Occupational Work Adjustment Students at EHOVE Technical Institute  
*Field of Specialization*: Physical Education
- William Wayne Scott, Seneca, S. C.  
B.S. (University of Chattanooga); M.A. (College of William and Mary)  
*Dissertation*: The Evaluation of Motivation and the Effectiveness of Modified Instruction to Promote Motivation within Remedial Education Students  
*Field of Specialization*: Education
- George Ludwig Seibert, Youngsville, N. Y.  
B.A.A.E., M.S.  
*Dissertation*: An Analysis of Dual Media Shock Waves  
*Field of Specialization*: Aeronautical and Astronautical Engineering
- Charlena Moten Seymour, Columbus  
B.F.A. (Howard University); M.A.  
*Dissertation*: The Effect of Speech Therapy on Oral Form Discrimination Ability of Adults with Functional Misarticulations  
*Field of Specialization*: Speech

\* Degree granted in cooperation with Miami University

- Harry Nathan Seymour, Columbus  
B.A. (Howard University); M.A.  
*Dissertation*: An Investigation of Vocal Acceptability of Male Children  
*Field of Specialization*: Speech
- Abdulrahman Saleh Shobaili, New York, N. Y.  
B.S. (University of Riyadh, Arabia)  
*Dissertation*: An Historical and Analytical Study of Broadcasting and Press in Saudi Arabia  
*Field of Specialization*: Speech
- Larry Raymond Shotwell, Cockeysville, Md.  
B.A. (Bowling Green State University); M.A.  
*Dissertation*: The Defense Spending Process  
*Field of Specialization*: Economics
- Robert Charles Shufeldt, Kinmundy, Ill.  
B.S. (University of Illinois); M.S.  
*Dissertation*: Partial Characterization of the Bonding and Movement of  $^{90}\text{Sr}$  with Organic Materials  
*Field of Specialization*: Agronomy
- John William Sij, Jr., Collinsville, Ill.  
B.S. in Edu. (Eastern Illinois University); M.S.  
*Dissertation*: Short-Term Kinetic Studies on the Inhibition of Photosynthesis by Sulfur Dioxide  
*Field of Specialization*: Botany
- Eleanor Bachofen Skelley, Urbana  
B.S., M.S.  
*Dissertation*: Effects of Gonadal Steroid Hormones on Regional Blood Flow in the Brain of Conscious Rats  
*Field of Specialization*: Pharmacology
- Donald Edward Snider, Columbus  
B.S., M.S.  
*Dissertation*: Analysis of the  $(v_1 + v_2 + v_3)$  Combination Band of Ozone  
*Field of Specialization*: Physics
- Elizabeth Ann Snyder, Ann Arbor, Mich.  
B.S. in Health Ed. (State Teachers College at East Straudsbury, Pennsylvania); M.S. (University of Colorado)  
*Dissertation*: The Relationships among Various Aspects of Space Utilization and the Educational Achievement of Preschool Children  
*Field of Specialization*: Physical Education
- Joel Robert Soobitsky, Silver Spring, Md.  
B.S. (University of Connecticut); M.S. (Kansas State University)  
*Dissertation*: Perceived Training Needs of Urban Cooperative Extension Agents Working with Disadvantaged Audiences  
*Field of Specialization*: Agricultural Education
- Donald Carmen Spinelli, Rochester, N. Y.  
B.A., M.A. (University of Buffalo)  
*Dissertation*: The Dramaturgy of Marivaux: Three Elements of Technique  
*Field of Specialization*: Romance Languages
- Louis Spinelli, Columbus  
B.A., B.S. in Edu.  
*Dissertation*: Alienation and Identity: A Comparative Analysis of Blue-Collar and Counter-Culture Values  
*Field of Specialization*: Education
- Robert Alan Stallings, Westerville  
B.A., M.A.  
*Dissertation*: A Comparative Study of Community as Crisis Management System  
*Field of Specialization*: Sociology
- Claude Mason Steele, Park Forest, Ill.  
B.A. (Hiram College); M.A.  
*Dissertation*: The Indirect and Supererogatory Indirect Influence of a Persuasive Message  
*Field of Specialization*: Psychology
- Doris Hosmer Steele, Burlington, Vt.  
B.S. (University of New Hampshire); M.A.T. (University of Vermont)  
*Dissertation*: Opinion Leadership in Family Living among Low Income Homemakers in the Expanded Nutrition Program in Ohio  
*Field of Specialization*: Agricultural Education
- Thomas Wayne Steele, Adrian, Mich.  
B.A. (Hiram College); M. of Educ. (Kent State University)  
*Dissertation*: An Analysis of Communication Patterns within a School of Health, Physical Education and Recreation  
*Field of Specialization*: Physical Education
- Stephen Michael Stillman, Columbus  
B.S. (University of Pittsburgh); M.Ed. (Columbia University)  
*Dissertation*: The Relationship of Selected Individual Characteristics to Group Behavior in Two Risk Taking Situations  
*Field of Specialization*: Psychology
- Philip Eugene Stover, Columbus  
B.S. (Pennsylvania State University)  
*Dissertation*: The Holographic Investigation of Electrostatic Spraying  
*Field of Specialization*: Physics
- Rebecca Jane Stracener, Little Silver, N. J.  
A.B. (Gettysburg College); M.A. (Middlebury College)  
*Dissertation*: The Doctoral Program in Modern Foreign Languages as Preparation for College Teaching  
*Field of Specialization*: Education
- Henry Anthony Strater, Cleveland Heights  
A.B. (John Carroll University); M.A. in English (Western Reserve University); M.A.Cl.Lang. (John Carroll University)  
*Dissertation*: Poetic Technique in Catullus' Satiric Epigrams  
*Field of Specialization*: Classics
- Stephen Lee Stuart, Lancaster  
B.S. (Bloomsburg State College); M.Ed. (Pennsylvania State University)  
*Dissertation*: Criteria for Programs of Appraising Teacher Performance and Their Application to Current Practices in Ohio  
*Field of Specialization*: Education
- Roger Milton Swagler, Des Moines, Ia.  
B.A. (College of William and Mary); M.A.  
*Dissertation*: An Analysis of Variations in Alternative Terms-of-Trade Measures: A Case Study of Bolivia, 1925-1965  
*Field of Specialization*: Economics

Arthur Ian Swann, Columbus  
M.R.C.V.S. (University of London, England); M.S.  
*Dissertation:* Erythrocyte Survival in Normal Chickens  
and in Chickens Infected with Malaria  
*Field of Specialization:* Veterinary Medicine

Robert Emmet Swihart, Columbus  
B.S. in Edu., M.A.  
*Dissertation:* An Analysis of Students' and Teachers'  
Perceptions of Selected School Problems  
*Field of Specialization:* Education

Charles Carl Szabo, Jr., Columbus  
B.S. in Edu., M.A.  
*Dissertation:* A Comparative Study of the Dominant  
Value Patterns of Students Majoring in Education  
*Field of Specialization:* Education

Charles Edward Taylor, Columbus  
B.A., M.A.  
*Dissertation:* The Role of Selected State Education  
Agencies in the Development of Desegregation Policy for  
Public Schools  
*Field of Specialization:* Education

Gregory Thomas, Columbus  
B.A. (Dillard University); M.A. (University of  
Michigan)  
*Dissertation:* Historical Survey of Black Education as  
a Means of Black Liberation: 1875 - 1969  
*Field of Specialization:* Education

Mary Lou Thomas, Radnor  
B.S. in H.E., M.S.  
*Dissertation:* In-Service Education: Feasibility of Mini  
Workshop Instruction in Two Teaching Strategies for  
Secondary Teachers  
*Field of Specialization:* Home Economics

James Kenneth Thomson, Shenandoah, Ia.  
B.S. (Tarkio College); M.S.  
*Dissertation:* Addition of Unsaturated Grignard Reagents  
to Aldehyde and Keto Sugar Derivatives  
*Field of Specialization:* Chemistry

Benny Oen Swie Tjia, Columbia, Mo.  
A.B., M.S. (University of Missouri)  
*Dissertation:* Studies on the Growth and Hormonal  
Relation of *Chrysanthemum morifolium* following  
Treatments with Methyl-2, 7-Dichloro-9-Hydroxy-  
Fluorene-9-Carboxylate  
*Field of Specialization:* Horticulture

Howard Ray Toben, Bensenville, Ill.  
B.S., M.S. (University of Miami)  
*Dissertation:* Experimental Immunosuppression  
*Field of Specialization:* Anatomy

Le Ba Tuan, Cho-Lon, Viet-Nam  
B.S. (Electrical Engineering College); M.S. (Bradley  
University)  
*Dissertation:* Computer Design and Evaluation of Optimal  
Filters for a Class of Speech Sounds by Correlation  
Techniques  
*Field of Specialization:* Electrical Engineering

Donald Merle Uhlenberg, Garrett Park, Md.  
B.S. (University of Minnesota)  
*Dissertation:* Provisional Perspective on the Self with a  
Summary of Pertinent Research, 1959-1969  
*Field of Specialization:* Education

John Thornton Underwood, Jr., Roslyn Heights, N. Y.  
B.A. (Lehigh University); M.A.  
*Dissertation:* Locus Communis, Laus Legum and Laus  
Locorum: Rhetorical Exercises as a Model for Propertius,  
Book III  
*Field of Specialization:* Classics

Darlene Harbour Unrue, Worthington  
B.A., M.A. (Marshall University)  
*Dissertation:* Henry James and Gothic Romance  
*Field of Specialization:* English

Lek Uttamasil, Dhonburi, Thailand  
B.S. (Chulalongkorn University); M.S., Cer. Eng. (Georgia  
Institute of Technology)  
*Dissertation:* An Investigation of the Compatibility and  
Melting Relationships in the System  $Li_2 - Al_2O_3 - P_2O_5$   
*Field of Specialization:* Ceramic Engineering

Linda Kent Vaughan, Shaker Heights  
B.S., M.A. (Russell Sage College)  
*Dissertation:* An Exploratory Study of Risk for the  
Identification of the Elements of Risk in Sport  
*Field of Specialization:* Physical Education

Wilbur Paul Veith, Fairview, Pa.  
B.E.S. (Fenn College); M.S.  
*Dissertation:* Bohr-Bohl Theorems on Banach-Valued  
Functions  
*Field of Specialization:* Mathematics

Floyd Bronson Waigren, Clarendon Hills, Ill.  
B.S. in Ed. (Eastern Illinois University); M.Ed.  
(University of Illinois)  
*Dissertation:* A Comparison of the Written Achievement of  
Pupils in Two Disparate Industrial Arts Sequences  
*Field of Specialization:* Education

Niles Allen Walker, Columbus  
B.E.E., M.S.  
*Dissertation:* Adaptive Spatial Processing for Antenna  
Arrays  
*Field of Specialization:* Electrical Engineering

Carlton Dewey Wall, Nashville, Tenn.  
B.S. (Belmont College); M.A. (George Peabody College for  
Teachers)  
*Dissertation:* Contributing Factors to the Economic  
Understanding of High School Seniors  
*Field of Specialization:* Education

Allan Wade Walldren, Chicago, Ill.  
B.S. (Lawrence College); M.A.T. (Michigan State  
University)  
*Dissertation:* The Development of an Instrument to  
Analyze Student Questions during Problem Solving  
*Field of Specialization:* Education

Yao Hung Wang, Kaohsiung, Formosa  
B.A. (National Taiwan University); M.B.A. (New York University); M.S. (Stanford University)  
*Dissertation*: On Characterization of Some Probability Distributions and Estimation of the Parameters of the Pareto Distribution  
*Field of Specialization*: Statistics

Harold Quentin Webb, Norfolk, Va.  
A.B. (Morehead State College); M.A. (University of Kentucky)  
*Dissertation*: The Prognostic Potential of Selected Factors for Predicting Achievement in the Study of High School Bookkeeping and Accounting  
*Field of Specialization*: Education

Robert David Weber, Trenton, N. J.  
B.A., M.A. (Trenton State College)  
*Dissertation*: The Influence of Reading Grade Level on the Comprehension of Below Grade Level Readers Participating in the Industrial Arts Curriculum Project  
*Field of Specialization*: Education

Gary Lee Wegenke, South Bend, Ind.  
B.A. (De Pauw University); M.S. in P.Ed. (Indiana University)  
*Dissertation*: A Study of the Design and Development of a Simulation Model Focused on Educational Evaluation and Decision Making  
*Field of Specialization*: Education

Robert Fred Wermuth, Mobile, Ala.  
B.M.E., M.M. (Northwestern University)  
*Dissertation*: Relationship of Musical Aptitude to Family and Student Activity in Music, Student Interest in Music, Socioeconomic Status, and Intelligence among Caucasian and Negro Middle School Students  
*Field of Specialization*: Music

Rudolph Valentino Wiggins, Gary, Ind.  
B.S. in Ed. (Winston-Salem Teachers College); M.S. in Ed. (Indiana University)  
*Dissertation*: A Comparison of Children's Interest in and Attitude towards Reading Material Written in Standard and Black English Forms  
*Field of Specialization*: Education

Joseph A. Wipf, Freeman, S.D.  
B.A. (Bethel College); M.A. (University of Colorado)  
*Dissertation*: An Investigation of Elementary School Students' Ability to Imitate Selected Sound Features of German  
*Field of Specialization*: Education

Asher Sorrel Wolfe, New York, N. Y.  
B.A. (University of Texas); M.A. (Columbia University)  
*Dissertation*: The Relationship between Estimates of Speech Intelligibility in Social Contexts and *Paracusia Willisiana*  
*Field of Specialization*: Speech

Wallace Stanley Woodard, Sr., Kalamazoo, Mich.  
B.S. in Ed. (West Virginia State College); M.A. (Western Michigan University)  
*Dissertation*: The Effectiveness of Teacher Assistants in Changing the Sociometric Status of Elementary School Children  
*Field of Specialization*: Education

James Price Worthington, Columbus  
B.S. in Agr., M.S.  
*Dissertation*: The Effect of Alachlor and MON-097 on the Growth of Yellow Nutsedge and the Uptake of <sup>14</sup>C Labeled Alachlor by Yellow Nutsedge and Soybeans  
*Field of Specialization*: Agronomy

Roy Theodore Wortman, Columbus  
B.A. (Colorado State University); M.A. (University of Colorado)  
*Dissertation*: The IWW in Ohio, 1905-1950  
*Field of Specialization*: History

Richard Terry Yingling, Hershey, Pa.  
B.S. (Lebanon Valley College)  
*Dissertation*: The Electrical Conductivity of Titanium Trichloride  
*Field of Specialization*: Chemistry

Michael Thomas Yura, Allentown, Pa.  
B.S. (Mount Saint Mary's College); M.Ed. (Temple University)  
*Dissertation*: The Personality Traits and Vocational Interests of Guidance Students  
*Field of Specialization*: Education

Fike Amara Zahroon, Basrah, Iraq  
B.S. (University of Baghdad); M.S.  
*Dissertation*: A Comparative Study of Two Methods of Teaching College Algebra  
*Field of Specialization*: Education

John Edward Zapotosky, Linden, N. J.  
B.S. (Wilmington College); M.S.  
*Dissertation*: The Fine Structure of the "Larval" Stage of the Gordiacean, *Paragordius varius* (Leidy, 1851) (Gordiidea: Paragordidae)  
*Field of Specialization*: Zoology

Thomas F. Zeck, Vermilion  
A.B., M.A. (John Carroll University)  
*Dissertation*: A Survey of Guidance Services Offered to the Educable Mentally Retarded in the State of Ohio  
*Field of Specialization*: Education

Troy Anthony Zimmer, Honolulu, Hawaii  
B.A. (Southern Illinois University); M.A. (University of Hawaii)  
*Dissertation*: The Role of Mass Communication in the Political Integration of Nation-States: An Aggregate Analysis  
*Field of Specialization*: Sociology

Gilbert Leroy Zink, Clarington  
B.S. in Agr., M.S.  
*Dissertation*: Recovery of Several Bovine Erythrocyte Blood-Group Antigenic Determinants after Butanol, Pyridine, Enzymatic, and Ultrasonicated Degradations of Stroma, and Molecular Weight Approximations for the Resulting Membrane Subunits  
*Field of Specialization*: Dairy Science

**Certificate of Specialist in Educational Administration**

One candidate

Rayl Bartlett Conyers, Marion  
B.A., M.A.

**Master of Accounting**

One candidate

Mark Steven Blanks, Charleston, S. C.  
B.S. (University of Missouri)  
*Field of Specialization:* Accounting

**Master of Arts**

Four hundred and six candidates

William Graham Abell, Jr., Warren  
B.A. (Miami University)  
*Field of Specialization:* Journalism

Albert Edward Abrams, Columbus  
B.S. in Edu.  
*Field of Specialization:* Music

Yvette Ackison, Ironton  
B.A. in Jour.  
*Field of Specialization:* Journalism

Thomas Lawson Altherr,  
Hamburg, N. Y.  
B.A. (New York State University at Fredonia)  
*Field of Specialization:* History

Richard Lee Aman, Mansfield  
B.S.J. (Ohio University)  
*Field of Specialization:* Journalism

Susan Marie Amato, Portland, Ore.  
A.B. (Gonzaga University)  
*Field of Specialization:* Education

Gerhardt Kenneth Andeen, Springfield  
A.B. (Augustana College)  
*Field of Specialization:* Education

Mary Walker Angevine, Pataskala  
B.S. in Edu.  
*Field of Specialization:* Education

Donald Alan Antrim, Corry, Pa.  
B.A. (Pennsylvania State University)  
*Field of Specialization:* Political Science

Patricia Hickok Aplin, Chagrin Falls  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Education

Dorothy Zimmerman Armentrout,  
Columbus  
B.S.Ed. (Adelphi University)  
*Field of Specialization:* Education

Kenneth Earl Badertscher, Helena  
B.S. in Agr.  
*Field of Specialization:* Agricultural Education

James Lee Bailey, Orrville  
B.S. in Edu.  
*Field of Specialization:* Education

Donald Reed Baird, Hillsboro  
B.A. in Jour.  
*Field of Specialization:* Journalism

Martha Anna Balahutrak, Parma  
B.A. (College of Wooster)  
*Field of Specialization:* Romance Languages

Candace Joy Barr, Chicago, Ill.  
B.S. in Edu.  
*Field of Specialization:* Education

Charles Vincent Barr, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Education

Winfried Barthmus, Plain City  
B.S. in Edu.  
*Field of Specialization:* Education

Mary Jane Carter Bartlett,  
Reynoldsburg  
A.B. (Ohio University)  
*Field of Specialization:* Education

Foster Lee Bartram, Columbus  
B.S. (Pikeville College)  
*Field of Specialization:* Education

Raphael Anthony Bastidas,  
Quito, Ecuador  
B.A. (Don Bosco College, New Jersey)  
*Field of Specialization:* Education

Lynne Margaret Batcheller,  
Blackstone, Mass.  
B.A. (State College at Bridgewater, Massachusetts)  
*Field of Specialization:* Education

Richard Eugene Batts, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

John Edward Beach, Westerville  
B.A. (Capital University)  
*Field of Specialization:* Education

Lois Ellen Beatenhead, Kimbolton  
B.S. in Edu.  
*Field of Specialization:* Education

Dudley Alan Beaver, Piqua  
B.S. in Edu.  
*Field of Specialization:* Physical Education

Lytton Victor Beeler, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

David Clarence Beever, Columbus  
B.S. in Bus. Adm.  
*Field of Specialization:* Business Administration

Karen Sue Beiner, Elyria  
B.A. (Otterbein College)  
*Field of Specialization:* Speech

Stephen Clyde Bell, Shelby  
B.S. in Ed. (Miami University)  
*Field of Specialization:* Education

Marjorie Kahn Bender, Cincinnati  
B.F.A.  
*Field of Specialization:* Art

Patricia Ann Bender, El Paso, Tex.  
B.A. (University of Texas)  
*Field of Specialization:* Speech

Donald Raymond Bernhardt,  
Mansfield  
B.M. (Oberlin Conservatory of Music)  
*Field of Specialization:* Music

Daniel Vaughn Berridge, Columbus  
B.A.  
*Field of Specialization:* Education

Sandy Kay Beveridge, Rock Springs,  
Wyo.  
B.S. (Brigham Young University)  
*Field of Specialization:* Physical Education

Gunes Bilmen, Istanbul, Turkey  
*Field of Specialization:* Education

Monroe Arthur Blackburn,  
Mt. Vernon  
B.S. (Wilmington College)  
*Field of Specialization:* Education

Montroe Sherman Blagg, Pedro  
B.S. (Rio Grande College)  
*Field of Specialization:* Education

Daniel Ralph Bobb, Columbus  
B.A.  
*Field of Specialization:* Sociology

Glenn Stephen Bohmer, Columbus  
B.A. (Millikin University)  
*Field of Specialization:* Education

Cathryn Louise Booth,  
Baltimore, Md.  
B.A. (Baldwin-Wallace College)  
*Field of Specialization:* Psychology

Robert Bradley Booth, Mansfield  
B.S. in Edu.  
*Field of Specialization:* Education

Carol Davis Boster, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Rita Joanne Bova, Toledo  
B.A.  
*Field of Specialization:* English



Ann Lige Breeding, Miami, Fla.  
A.B. (University of Kentucky)  
*Field of Specialization: History of Art*

William Michael Brenner,  
Milton, W. Va.  
B.A. (Marshall University)  
*Field of Specialization: Speech*

Helen Anne Brisker, Wheelersburg  
B.S. in Edu.  
*Field of Specialization: Education*

Sharon Shinnors Brock, Columbus  
B.S.J. (Marquette University)  
*Field of Specialization: Journalism*

Kathryn Merrifield Brooke,  
New Castle, Me.  
B.A. (Case Western Reserve  
University)  
*Field of Specialization: Education*

Nancy Lee Brown, Hampshire, Tenn.  
B.S. (George Peabody College for  
Teachers)  
*Field of Specialization: Speech*

Donna Pauline Bruce, Columbus  
A.B. (Ashbury College, Kentucky)  
*Field of Specialization: Education*

Gerard Mathias Bruder, Jr.,  
Fairfield, Conn.  
B.A. (Hanover College)  
*Field of Specialization: Journalism*

Marianne Bruning, Springfield, Pa.  
B.A. (Mount Union College)  
*Field of Specialization: Education*

Carole King Buccioni,  
Georgetown, Pa.  
B.S. in Edu.  
*Field of Specialization: Education*

Sally May Burger, Lorain  
A.B. (Ohio University)  
*Field of Specialization: Education*

Roswitha Oelsner Burkey, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

Mary Annette Burns, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization: Education*

Payton Tyrone Butler, Richmond, Va.  
B.S. (Virginia Union University)  
*Field of Specialization: Education*

Janie Ann Campanizzi, Flushing  
B.S.Edu. (Ohio University)  
*Field of Specialization: Education*

Nicholas Joseph Candelora,  
Uniondale, N. Y.  
B.A. (Hofstra College)  
*Field of Specialization: History*

Jone Borreson Carmean, Hillsboro  
A.B. (Wilmington College)  
*Field of Specialization: Education*

Robert Allen Carter,  
Canal Winchester  
B.S. in Edu.  
*Field of Specialization: Education*

David Allen Chase, Columbus  
B.Mus.  
*Field of Specialization: Music*

James Arthur Chase, Spokane, Wash.  
B.S. (United States Air Force  
Academy)  
*Field of Specialization: Psychology*

Paula Perduyn Clark, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization: Education*

Charlene Etnier Cline, Iowa City, Ia.  
B.S. in Edu.  
*Field of Specialization: Physical  
Education*

Alan Bradley Clune,  
West Hartford, Conn.  
B.A. (Trinity College, Connecticut)  
*Field of Specialization: History*

Juanita Jackson Coe,  
Georgetown, S. C.  
A.B. (Benedict College)  
*Field of Specialization: Education*

Francine Carol Cohen,  
University Heights  
B.A.  
*Field of Specialization: Education*

Christina Sue Cole, Lancaster  
B.A. (Denison University);  
B.S. in Edu.  
*Field of Specialization: Education*

Betty Minor Collins, Mechanicsburg  
B.S. in Edu.  
*Field of Specialization: Education*

Brian Patrick Conley,  
Webster Groves, Mo.  
B.A. (Saint Louis University)  
*Field of Specialization: English*

Maureen Patricia Connelly,  
Astoria, N. Y.  
B.A. (Saint Johns University,  
New York)  
*Field of Specialization: Sociology*

Mary Gracely Conyers, Marion  
B.A. (Ohio Wesleyan University);  
M.A. (Stanford University)  
*Field of Specialization: Education*

Kathleen Braun Cope, Galion  
B.S. in Edu.  
*Field of Specialization: English*

Alan Mitchell Corn, Lancaster, Pa.  
B.A. (Franklin and Marshall College)  
*Field of Specialization: Classics*

James David Cowan, Willshire  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: Education*

Marilyn Williams Cozad, Marysville  
B.S. in Edu.  
*Field of Specialization: Education*

John Stuart Crabbe, Jr., Snyder, N. Y.  
B.A. (Canisius College)  
*Field of Specialization: Education*

Richard Ellsworth Crable, Delaware  
B.A. (Bowling Green State  
University)  
*Field of Specialization: Speech*

Judson Chester Cross, Reading  
A.B. (Western Kentucky University)  
*Field of Specialization: Education*

Celine Frances Cullen, Buffalo, N. Y.  
B.A. (Canisius College)  
*Field of Specialization: History*

Jack Emery Culp, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

Robert Anthony Curry, Cincinnati  
B.S. (Xavier University)  
*Field of Specialization: Speech*

Shirley Ann Curtis, Canton  
B.S.Ed. (Central State College)  
*Field of Specialization: Education*

Richard Arden Dally, Cuyahoga Falls  
B.A.  
*Field of Specialization: Education*

Rita Clare Daniels,  
Minneapolis, Minn.  
B.A. (College of Saint Benedict)  
*Field of Specialization: Education*

Gail Fotheringham Davis, Columbus  
B.A.  
*Field of Specialization: Psychology*

Jene Frederick Davis, Columbus  
B.A. (Otterbein College)  
*Field of Specialization: Education*

Ronald Victor Davis, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

Ann Michele Deasy,  
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Irvine)  
*Field of Specialization: Classics*

William Allen Denig, Kent  
B.S. in Edu.  
*Field of Specialization:* Education

Dolphine Schlote Denman, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Robert William Denniston,  
Grants Pass, Ore.  
B.S. (University of Oregon)  
*Field of Specialization:* Journalism

Christine Frances Donaldson,  
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A.B. (Guilford College)  
*Field of Specialization:* History

Stephen Aaron Douglas, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Mary Frances Douthard,  
Gadsden, Ala.  
B.A. (Alabama Agricultural and  
Mechanical College)  
*Field of Specialization:* Sociology

Mary Linda Downey, Dayton  
B.S. in Edu.  
*Field of Specialization:* Education

Jack Verner Drago, Bradenton, Fla.  
B.S. (United States Naval Academy)  
*Field of Specialization:* Education

Patricia Louise Dray, Richmond  
B.S. (David Lipscomb College)  
*Field of Specialization:* Education

Arthur James Drewyor, Jr., Toledo  
B.A. (University of Toledo)  
*Field of Specialization:* Journalism

Barbara Jean Driver, Toledo  
B.S. in Edu.  
*Field of Specialization:* Education

Sister Johanna Eberly, Columbus  
B.S. in Mus.Edu. (College of Saint  
Mary of the Springs)  
*Field of Specialization:* Music

Lois Elaine Echols, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Marilyn Barbara Eisenberg,  
Cincinnati  
B.A.  
*Field of Specialization:* Economics

Linda Jean Enloe, Decatur, Ga.  
A.B. (University of Georgia)  
*Field of Specialization:* Psychology

Nancy Ann Ennis, Williamsport, Pa.  
B.E.Ed. (Bloomsburg State College)  
*Field of Specialization:* Education

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B.S. in Ed. (Northern Illinois  
University)  
*Field of Specialization:* Education

Carolyn Huffman Farnsworth,  
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B.S.Ed. (Bowling Green State  
University)  
*Field of Specialization:* Education

Geraldine Farrell, Glendora, N. J.  
A.B. (Rutgers State University)  
*Field of Specialization:* Education

Margaret Jean Felter,  
Bloomfield, N. J.  
B.A. (Bloomfield College)  
*Field of Specialization:* Education

Linda May Fetter, Richwood  
B.A. (Otterbein College)  
*Field of Specialization:* Education

Carole Wolfe Fick, Reynoldsburg  
B.S. (Huntington College)  
*Field of Specialization:* Education

Martha Krismer Fischer, Cincinnati  
A.B. (College of Mount Saint Joseph  
on the Ohio)  
*Field of Specialization:* Education

Catherine Anette Fish, Dayton  
B.A. (Wright State University)  
*Field of Specialization:* Anthropology

Mary Elizabeth Fisher,  
Westfield, N. J.  
B.M.Ed. (Baldwin-Wallace College)  
*Field of Specialization:* Music

Michael David FitzSimmons,  
Mansfield  
B.S. (Muskingum College)  
*Field of Specialization:* Education

Paula Bagby Ford, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Susan Lewis Forster, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Linda Harder Foster, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Charles Donovan Friesen,  
Henderson, Neb.  
B.S. (Bethel College, Kansas)  
*Field of Specialization:* Education

Kathleen Ann Galvin, Cleveland  
B.A. (University of Dayton)  
*Field of Specialization:* History

Susan Menges Gardes, Columbus  
B.A. (William Woods College)  
*Field of Specialization:* Political  
Science

Ruth Hedges Gearhiser, Radnor  
B.S. in Edu.  
*Field of Specialization:* Education

Karen Ann George, Parma  
B.S. in Edu.  
*Field of Specialization:* Education

Sarah Earl Gettinger, Columbus  
A.B. (Indiana University)  
*Field of Specialization:* Education

Edwin Carl Gilkey, Groveport  
B.M.E. (Capital University)  
*Field of Specialization:* Music

David Ben Gill, Milwaukee, Wis.  
B.A. (University of Wisconsin)  
*Field of Specialization:* Journalism

Lonnie Ray Gillian, Columbus  
B.S. in Edu.  
*Field of Specialization:* Physical  
Education

Ralph Douglas Gillum, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Gary Lee Gilmer, Kings Mills  
B.S. in Edu.  
*Field of Specialization:* English  
(Tesol)

Opal Lump Gire, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Thelma Riegel Girton, Columbus  
B.S.Ed. (Ashland College)  
*Field of Specialization:* Education

Jean Elizabeth Girves, Columbus  
B.A. (Northwestern University)  
*Field of Specialization:* Education

Alan Gary Gittis, Philadelphia, Pa.  
A.B. (Temple University)  
*Field of Specialization:* Psychology

Linda Fisher Glenn, Fredericktown  
B.S. in Edu.  
*Field of Specialization:* Education

Melvin Clarence Goldsmith,  
Marysville  
B.S. in B.A. (Wittenberg University)  
*Field of Specialization:* Education

Marc Paul Goldzweig, Columbus  
B.A.  
*Field of Specialization:* Education

- Kazuye K. Good, Columbus  
B.S. (Albright College)  
*Field of Specialization:* Education
- Ann Bernadette Graf, Euclid  
A.B. (Ursuline College)  
*Field of Specialization:* Education
- Sister Regina Grant, Trenton, N. J.  
B.A. (Georgian Court College)  
*Field of Specialization:* Education
- Carole Kepford Graves, Marion  
B.S. in Edu.  
*Field of Specialization:* Education
- Charles Greer, Canal Winchester  
B.S.Ed. (Central State College)  
*Field of Specialization:* Education
- Carol Ann Gregg, Amsterdam  
B.A. (Bluffton College)  
*Field of Specialization:* Education
- Cathryn Sech Gregory, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education
- Catherine O'Connor Greider, Newark  
B.S. (Pennsylvania State University)  
*Field of Specialization:* Education
- John Michael Griffin, Celina  
B.S. in Bus.Adm.  
*Field of Specialization:* Geography
- Rita Diane Griffith, Sparta  
B.S.Edu. (Ohio University)  
*Field of Specialization:* Education
- Patricia Wilson Griffiths,  
Washington Court House  
B.S. in Ed. (Miami University)  
*Field of Specialization:* Education
- Frank Edward Habeker, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education
- Jill Marie Haddock, Euclid  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Education
- John Thomas Hammill, Jr., Columbus  
B.S. in Edu.  
*Field of Specialization:* Education
- Burton Soren Hanson, III,  
Petersburg, W. Va.  
B.S.Sec.Ed. (West Virginia  
University)  
*Field of Specialization:* Education
- Lois Klabano Hanson,  
Petersburg, W. Va.  
B.S. (West Virginia University)  
*Field of Specialization:* Education
- Kandy Kay Hardin, Rantoul, Ill.  
B. of F.A. (University of Illinois)  
*Field of Specialization:* History of  
Art
- Patricia Marie Hargrove,  
Rockville Center, N. Y.  
B.A. (Adelphi University)  
*Field of Specialization:* Speech
- Mary Schultz Harms, Worthington  
B.S. in Edu.  
*Field of Specialization:* Physical  
Education
- Meriel Daniel Harris, Jr.,  
Somerset, Ky.  
B.M.C. (Eastern Kentucky  
University)  
*Field of Specialization:* Music
- Rachel Joliff Harris, West Mansfield  
B.S. in Edu. (Ohio Northern  
University)  
*Field of Specialization:* Education
- Janet Beam Hazelbaker, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education
- Barbara Jane Hegler, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education
- David Roy Heigle, Gahanna  
B.S. in Edu.  
*Field of Specialization:* Education
- Stephen Raymond Heimann,  
Columbus  
B.S.  
*Field of Specialization:* Accounting
- Sandra Jean Heinicke, Holyoke, Mass.  
B.S. (University of Massachusetts)  
*Field of Specialization:* Physical  
Education
- William Albert Henley, Columbus  
B.A.  
*Field of Specialization:* History
- Charles Gilkey Hetrick, Edinboro, Pa.  
A.B. (Grove City College)  
*Field of Specialization:* History
- Charles Gerald Higgins, Mesa, Ariz.  
B.A. (Arizona State University);  
M.A.  
*Field of Specialization:* Journalism
- Bettina Claire Hill, Grand River  
B.S. in Edu.  
*Field of Specialization:* Physical  
Education
- Linda Joanne Hillis, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education
- Robert Ralph Hite, Granville  
B.S. in Edu. (Capital University)  
*Field of Specialization:* Education
- David Alan Hoffman, Hartford, Conn.  
A.B. (University of Rochester)  
*Field of Specialization:* Psychology
- Mayellyn Williams Hoffman,  
Canal Winchester  
B.S. (Brenau College)  
*Field of Specialization:* Education
- Fred Thomas Hofstetter, Worthington  
B.A. (Saint Joseph's College,  
Indiana)  
*Field of Specialization:* Music
- Zetabara Nelson Holcombe,  
Columbus  
B.S. in Edu.  
*Field of Specialization:* Physical  
Education
- Betty Mae Hoover, Shelby  
B.S. in Edu. (Ashland College)  
*Field of Specialization:* Education
- Lois Oertle Hoover, Shelby  
B.S. in Edu. (Ashland College)  
*Field of Specialization:* Education
- Jane Jones Hudson, Dunbar, W. Va.  
B.S. in Edu. (West Virginia State  
College)  
*Field of Specialization:* Education
- Lloyd Michael Hulit, Massillon  
B.S. in Ed. (Ashland College)  
*Field of Specialization:* Speech
- Gershon David Hundert,  
Toronto, Ont., Canada  
B.A. (Columbia University)  
*Field of Specialization:* History
- Sharon Fulk Hunt, Ashland  
B.S. in Edu. (Bowling Green State  
University)  
*Field of Specialization:* History
- Ronald Alfred Huntington,  
Willoughby  
B.A. (Case Western Reserve  
University)  
*Field of Specialization:* Education
- Carolyn Postema Huzinec, Columbus  
B.A. (Michigan State University)  
*Field of Specialization:* Psychology
- Judy Forsythe Inscho, Columbus  
B.S. in Ed. (Otterbein College)  
*Field of Specialization:* Education
- Glenn Lawrence Jacobson,  
Washington Court House  
B.S. in Edu.  
*Field of Specialization:* Education
- Barbara D'Luzansky Jacoby,  
Columbus  
B.S. in Edu.  
*Field of Specialization:* Art
- Carmel Cline Jenkins, Marietta  
B.A., B.S. in Edu.  
*Field of Specialization:* Education

Jeffrey Lynn Jenkins, Columbus  
B.S.Ed. (Capital University)  
*Field of Specialization: Education*

Barbara Mae Johannes, Columbus  
B.S. in Ed. (Miami University)  
*Field of Specialization: Education*

Arthur Matthew Johnsen, III,  
Lebanon  
B.A. (Miami University)  
*Field of Specialization: Psychology*

Gary Ronald Johnson,  
Rochester, Minn.  
B.A. (University of Minnesota)  
*Field of Specialization: Public  
Administration*

Larry Richard Jones, Coumbus  
B.Ed. (University of Toledo)  
*Field of Specialization: Education*

Patricia Laucher Jordan, Galion  
B.S. in Edu. (Kent State University)  
*Field of Specialization: Education*

Heidi Jane Joshua, Youngstown  
A.B. (Youngstown State University)  
*Field of Specialization: History*

Timothy Warren Kahrl, Mt. Vernon  
A.B. (Harvard College)  
*Field of Specialization: History*

Glenn Kaplan, Woodbury, N. Y.  
B.A. (C.W. Post College)  
*Field of Specialization: Education*

Lois Merle Kaplan, Skokie, Ill.  
B.A. (Purdue University)  
*Field of Specialization: Speech*

Alana Karalius, Oxon Hill, Md.  
B.S.Ed. (Duchesne University)  
*Field of Specialization: Classics*

Philip Vaughn Kegg, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

Richard Ladd Kelley,  
Forestburg, Tex.  
B.A. (North Texas State University)  
*Field of Specialization: English*

Sandra Lee Keys, Rye, N. Y.  
B.S. (State University of New York  
College, Cortland)  
*Field of Specialization: Physical  
Education*

Glenn Philip Kiefer, Marion  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: Education*

James William Kinnach, Columbus  
B.S. in Ed. (Miami University)  
*Field of Specialization: Education*

James Dewey Kirk, Toledo  
B.A.  
*Field of Specialization: History*

William Oliver Kjerrumgaard,  
Howard  
B.S. in Edu.  
*Field of Specialization: Education*

Richard J. Knapp, Bowie, Md.  
B.S. (University of Maryland)  
*Field of Specialization: Journalism*

Paul Douglas Kochanowski, Toledo  
A.B. (John Carroll University)  
*Field of Specialization: English*

Mary Barbara Kostelnik, Berea  
B.A.  
*Field of Specialization: Anthropology*

Ann Kotowicz, Flushing, N. Y.  
B.S. (State University College of  
New York at Oneonta)  
*Field of Specialization: Speech*

Gayle Carter Kranz, Columbus  
B.F.A.  
*Field of Specialization: Education*

Paul Ervin Krouskop, Lima  
B.S. in Ed. (Bluffton College)  
*Field of Specialization: Music*

Margo Louise Kruse, Lakewood  
B.A. (Albion College)  
*Field of Specialization: Romance  
Languages*

Stephen Herbert Kull, Columbus  
B.S. in Ed. (Otterbein College)  
*Field of Specialization: Education*

Norman Allen Kushen, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

Sister Mary Katherine Lacaria,  
Columbus  
B.S. in Edu. (Rosary Hill College)  
*Field of Specialization: Education*

Michael Blaine Lafferty, Dayton  
B.S. in Agr.  
*Field of Specialization: Journalism*

Roger Frederick Lambert, Columbus  
B.A. in Jour.  
*Field of Specialization: Journalism*

John Philip Landfried, Cincinnati  
B.A.  
*Field of Specialization: Speech*

Diane Martin Lane, Dayton  
B.S. in Edu.  
*Field of Specialization: Education*

Frederick Wayne Langner, Columbus  
B.A. (Muskingum College)  
*Field of Specialization: Education*

Lowell David Latto, New Philadelphia  
B.S. in Edu.  
*Field of Specialization: Education*

Edward David Laughbaum,  
Westerville  
B.S. in Ed. (Otterbein College)  
*Field of Specialization: Education*

Barbara Joan Lavietes, Miami, Fla.  
B. Ed. (University of Miami)  
*Field of Specialization: Education*

Florence Compton Lehman, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

Anne Catherine Lehmenkuler,  
Springfield  
B.S. in Edu.  
*Field of Specialization: Education*

Michael John Leonardelli,  
St. Louis, Mo.  
B.A. (Saint Louis University)  
*Field of Specialization: Theatre*

Jackie Lee Lewis, Hillsboro  
B.S. (Morehead State College)  
*Field of Specialization: Education*

Roger Owen Lewis, Jr.,  
Cuyahoga Falls  
B.A. (Kent State University)  
*Field of Specialization: Psychology*

Helen Pappas Lias, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

Debra Elaine Linick, Columbus  
A.B. (University of Michigan)  
*Field of Specialization: English*

Dianne Loehnert, Columbus  
B.A. (Allegheny College)  
*Field of Specialization: Speech*

Winford Lee Logan, Wooster  
B.A. (Wittenberg University)  
*Field of Specialization: Journalism*

Don Curtis Love, Delaware  
B.S. (Otterbein College)  
*Field of Specialization: Education*

Myra Norma Love, Philadelphia, Pa.  
B.A. (Bryn Mawr College)  
*Field of Specialization: German*

David Duane Lowery, Clarksville, Va.  
B.A. (University of Richmond)  
*Field of Specialization:* Journalism

Sister Aloysius Lubrecht, Cincinnati  
B.M.Ed. (College of Mount Saint  
Joseph on the Ohio)  
*Field of Specialization:* Education

Suzanne Elizabeth Luedeke,  
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*Field of Specialization:* Education

Ralph Francis Lupidi, Columbus  
B.S. in Edu.  
*Field of Specialization:* Music

Marshall Day Malcolm,  
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A.B., M.A. (Earlham College)  
*Field of Specialization:* Education

Barbara Ann Mallett, Columbus  
B.A.  
*Field of Specialization:* English

Judith Ann Marchesi, Toluca, Ill.  
B.S. (University of Illinois)  
*Field of Specialization:* Physical  
Education

Ann Elizabeth McDonald, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Eva Cohn McDonald, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Larry Allen McElwee, Hillsboro  
B.A.  
*Field of Specialization:* History

Kenneth Harlan McGuire, Mason  
B.S. in Agr., M.S.  
*Field of Specialization:* Anthropology

Janis Lynn McKee,  
Central Islip, N. Y.  
B.A. (State University of New York  
at Stony Brook)  
*Field of Specialization:* History

Elizabeth Barker Melberg,  
Ludlow, Mass.  
B.A. (Defiance College)  
*Field of Specialization:* Education

Miriam Hall Mertens, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Doris Hunter Metcalf,  
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B.S. (Stillman College)  
*Field of Specialization:* Education

Matthew Joseph Micetich, St. Henry  
B.S. (Saint Procopius College)  
*Field of Specialization:* Education

Laurel Naomi Milcoff,  
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B.A. (George Washington  
University)  
*Field of Specialization:* Education

James Eugene Millard, Dayton  
B.S. in Edu.  
*Field of Specialization:* Physical  
Education

Ann Marie Miller, Memphis, Tenn.  
B.A. (University of Tennessee)  
*Field of Specialization:* Classics

Linda Patterson Miller, Columbus  
A.B. (Hope College)  
*Field of Specialization:* English

Michael Lee Miller, Cincinnati  
A.B. (Wheeling College)  
*Field of Specialization:* History

Raylene Elizabeth Miller, Columbus  
B.S. in Ed. (Capital University)  
*Field of Specialization:* Education

Florence Greta Mills,  
Edmundston, N. B., Canada  
B.E.E. (College of Saint-Louise)  
*Field of Specialization:* Education

Constance Layman Minton, Dayton  
B.M. (University of Dayton)  
*Field of Specialization:* Music

Bonnie Marilyn Mirrer, Bronx, N. Y.  
B.A. (State University of New York  
at Stony Brook)  
*Field of Specialization:* Anthropology

Maralan Jean Moore, Caldwell  
B.S.Ed. (Muskingum College)  
*Field of Specialization:* Education

Timothy Joseph Morganstern,  
Mansfield  
B.S. (Ashland College)  
*Field of Specialization:* Education

Elaine Radzevich Morisano,  
Avon, Conn.  
B.A.  
*Field of Specialization:* Psychology

Joseph Thomas Morman, Marion  
B.A. (Saint Mary's Seminary,  
Illinois)  
*Field of Specialization:* Education

Aglae Collazo Moulaison, Columbus  
B.A. in Ed. (University of Puerto  
Rico)  
*Field of Specialization:* Education

Donna Stanley Mourning, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Rita Rexford Murphy, Mt. Gilead  
B.S. in Edu. (Bowling Green State  
University)  
*Field of Specialization:* Education

Patrick Luke Nagle,  
West Roxbury, Mass.  
B.A. (Iona College; M.A. (Saint  
John's University, New York)  
*Field of Specialization:* Education

Edwin Robert Nass, Canfield  
B.S. in Dairy Tech.  
*Field of Specialization:* Education

Brian Richard Naughton,  
Hicksville, N. Y.  
B.S. (State University College of  
New York at Oneonta)  
*Field of Specialization:* Speech

Dennis Norman Neeb, Helena  
B.S. in Edu.  
*Field of Specialization:* Education

Patricia Ann Neiswander,  
Bloomfield Hills, Mich.  
B.A. (Oakland University)  
*Field of Specialization:* Education

Harvey Allen Nesser, Bellefontaine  
B.S.  
*Field of Specialization:* Psychology

Thomas John Nippert, Columbus  
B.S. in Educ. (Miami University)  
*Field of Specialization:* Education

Carol Ann Noles, Columbus  
B.S. in Edu.  
*Field of Specialization:* English

Anna Pyle Norden, Hilliard  
B.A. (West Liberty State College)  
*Field of Specialization:* Education

Kirk Edward Oberfeld, Columbus  
B.A. (Kalamazoo College)  
*Field of Specialization:* Journalism

Joe Lynn Oliver, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Cheryl Olkes, Cleveland  
B.A. (Chatham College)  
*Field of Specialization:* Journalism

Ronald Arthur Orsini, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Patricia Lebeda Page, Berwyn, Ill.  
A.B. (Carthage College)  
*Field of Specialization:* Romance  
Languages

Alexander Pashovich, Columbus  
B.A., B.S. in Edu.  
*Field of Specialization:* Slavic  
Languages

Carolyn Elizabeth Patch, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Donald William Patriss,  
Geneseo, N. Y.  
B.S. in Ed. (University of Hartford)  
*Field of Specialization: Romance Languages*

Twyla Weatherby Paul,  
West Mansfield  
B.S. in Edu. (Bowling Green State University)  
*Field of Specialization: Education*

Evelyn Colebank Percy, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

Eduardo Francisco Pelaez, Columbus  
B.A. (Ohio Dominican College)  
*Field of Specialization: Romance Languages*

Sister Victoria Perkins,  
Kansas City, Kan.  
B.A. (Saint Mary College, Kansas)  
*Field of Specialization: Education*

Elizabeth Robinson Pettit, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

Robert Allen Petty, II, Columbus  
B.S. in Edu.  
*Field of Specialization: Music*

Dorothy Hamann Pfsich,  
Mt. Vernon  
B.Mus. (Heidelberg College)  
*Field of Specialization: Music*

Robert Eldon Pfsich, Mt. Vernon  
B.Mus. (Heidelberg College)  
*Field of Specialization: Music*

James Cody Phillips,  
Klamoth Falls, Ore.  
B.A. (University of Oregon)  
*Field of Specialization: Slavic Languages*

Jo Ann Dethloff Poczik, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

Katherine L. Pool, Piqua  
B.B.A. (Emory University)  
*Field of Specialization: Education*

Deborah Riall Press, Danbury, Conn.  
B.A. (Bucknell University)  
*Field of Specialization: Education*

John Thomas Quinn, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

Barbara Hackenbracht Racey,  
Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

Francine Cohodas Rackoff, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

Sister Judith Fay Raley, Columbus  
B.S. in Ed. (Nazareth College, Kentucky)  
*Field of Specialization: History*

John Frederick Reichart,  
Albertson, N. Y.  
B.A. (Manhattan College)  
*Field of Specialization: Political Science*

William Herman Resch, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

Marie Manalisay Reyes,  
Bloomington, Ill.  
B.A. (Illinois State University)  
*Field of Specialization: Education*

Ann Louise Conway Rhodes,  
Pataskala  
B.S. in Edu.  
*Field of Specialization: Education*

Gerald Roger Richards, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

Barbara Davis Robinson, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

Charles Ray Robinson, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

Meryl Kazdan Rose, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

Michael Gregory Roshak, Jermyn, Pa.  
B.S. in Ed. (Millersville State College)  
*Field of Specialization: Slavic Languages*

Carol Green Rowland, Columbus  
B.S.Ed. (University of Dayton)  
*Field of Specialization: Education*

Bonita Marie Ruef, Erie, Pa.  
B.A. (Gannon College)  
*Field of Specialization: Romance Languages*

Mary Elaine Saik, Elkhart, Ind.  
B.A. (Purdue University)  
*Field of Specialization: History*

Timothy Lee Sanz, Hobart, Ind.  
A.B. (Indiana University)  
*Field of Specialization: Slavic Languages*

Edward James Sarver, Wildwood, Pa.  
B.S. in Ed. (Clarion State College)  
*Field of Specialization: Education*

Patricia Lippincott Seamoffa, Hilliard  
B.A. (Trenton State College)  
*Field of Specialization: Education*

Michael Wayne Schifer, Columbus  
B.S. (Capital University)  
*Field of Specialization: Education*

David Francis Schmidt, Mt. Vernon  
B.S. in Edu.  
*Field of Specialization: Education*

Carol Jean Schoenbeck, St. Louis, Mo.  
B.S. (University of Kansas)  
*Field of Specialization: Journalism*

George Milton Schram, Caledonia  
B. of Mus. Edu. (Capital University)  
*Field of Specialization: Music*

Robert Edward Schram, Cleveland  
B.S.Ed. (Bowling Green State University)  
*Field of Specialization: Political Science*

LaVonne Grubenhoff Schroeder,  
Columbus  
B.S. in Edu.  
*Field of Specialization: Physical Education (Health Education)*

Merrill Ferris Schulz, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

John Albert Schwartz, Whipple  
B.S. in Agr.  
*Field of Specialization: Education*

Kathryn Elizabeth Scott, Columbus  
B.S. in Ed. (Capital University)  
*Field of Specialization: Education*

Tucker Lynn Self, Bellville  
B.S. (Ashland College)  
*Field of Specialization: Education*

Karen Elaine Shakley, Karn City, Pa.  
B.M. (Muskingum College)  
*Field of Specialization: Music*

Donald William Shaw, Hilliard  
B.S. in Ed. (Capital University)  
*Field of Specialization: Education*

Linda Fickert Shields, Springfield  
B.A. (Otterbein College)  
*Field of Specialization: Education*

Howard J. Silver, Bronx, N. Y.  
B.A. (City College, New York)  
*Field of Specialization: Political Science*

Kathryn Elaine Sims, West Lafayette  
B.A. (Otterbein College)  
*Field of Specialization: Education*

Rexford Leroy Skelton, Ashland  
B.S. in Ed. (Ashland College)  
*Field of Specialization: Education*

Lloyd Reynolds Sloan,  
San Antonio, Tex.  
B.A. (University of Texas)  
*Field of Specialization: Psychology*

Robert Lynn Slonaker,  
Missoula, Mont.  
B.A. (University of Montana)  
*Field of Specialization: Psychology*

Arlene Elizabeth Small, Cambridge  
A.B. (Ohio Dominican College)  
*Field of Specialization: Education*

Bonnie Ann Smith, Miami, Fla.  
A.B. (University of Miami)  
*Field of Specialization: History of Art*

Carolyn Backenstos Smith,  
Jacksonstown  
B.S. in Edu.  
*Field of Specialization: Education*

Conrad Glenn Page Smith, Dayton  
B.S.  
*Field of Specialization: Speech*

Curtis Allan Smith, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

Joan Dreher Smith, Columbus  
B.S. in Bus. Adm., B.S. in Edu.  
*Field of Specialization: Education*

Mary Matvey Smith, Ashville  
B.A. (Siena Heights College)  
*Field of Specialization: Education*

Judith Mary Sostarich,  
Brookfield, Wis.  
B.S. (University of Wisconsin)  
*Field of Specialization: Education*

\*James Michael Sproule, Dayton  
*Field of Specialization: Speech*

Joyce Edwards Starr, Columbus  
B.F.A.  
*Field of Specialization: History of Art*

Jack Ellsworth Stauch, Newark  
B.S. in Edu.  
*Field of Specialization: Music*

Susan Kay Stevens, Mansfield  
B.S.Ed. (Ohio University)  
*Field of Specialization: Education*

Joseph Mark Stewart, Columbus  
B.A. (Bowling Green State University)  
*Field of Specialization: History*

Donna Jean Stickley, Manassas, Va.  
B.A. (University of Delaware)  
*Field of Specialization: History*

David Webb Stockburger,  
North Canton  
A.B. (Ohio University)  
*Field of Specialization: Psychology*

Mary Esther Grady Stone, Columbus  
A.B. (Howard University)  
*Field of Specialization: Romance Languages*

Stephan Wallace Stover, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

James Wilford Strecker, Columbus  
B.A. (Capital University)  
*Field of Specialization: Education*

Donna McMillan Strickland,  
Citronelle, Ala.  
B.A. (Auburn University)  
*Field of Specialization: Education*

William James Strickland,  
Jamaica Plain, Mass.  
B.S. (United States Air Force Academy)  
*Field of Specialization: Psychology*

Ronald Lee Struble, Port Clinton  
B.S. in Edu. (Miami University)  
*Field of Specialization: Education*

Jean Hess Stull, Columbus  
B.S. in Edu. (Shippensburg State College)  
*Field of Specialization: Education*

Robert Julius Tamasy,  
Somerset, N. J.  
B.A. in Jour.  
*Field of Specialization: Journalism*

Linda Haas Tarr, Miami Beach, Fla.  
B.A. (University of Pennsylvania)  
*Field of Specialization: Psychology*

Charles Richard Temple, Delaware  
B.S. in Edu.  
*Field of Specialization: Education*

Ernestine Carol Thomas, Columbus  
B.S. in Edu. (Concord College)  
*Field of Specialization: Education*

Susan Lynn Tobey, Pittsburgh, Pa.  
B.A. (University of Pittsburgh)  
*Field of Specialization: Dance*

Robert Donley Townsend, Bucyrus  
B.A. (Otterbein College)  
*Field of Specialization: Education*

Kenneth Edward Tracey, Grove City  
B.A. (College of Wooster)  
*Field of Specialization: Education*

Michael Charles Tripp, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

Jane Chowning Troy, Tipp City  
B.S. in Music (Indiana University)  
*Field of Specialization: History of Art*

Janice Clare Tucker, Columbus  
B.S. in Edu.  
*Field of Specialization: Theatre*

Roseann Frances Umana,  
Bradenton, Fla.  
B.S. (Michigan State University)  
*Field of Specialization: Psychology*

Carl Michael Upson,  
Northridge, Calif.  
B.S. (United States Air Force Academy)  
*Field of Specialization: History*

David Charles Vaas, Ashland  
B. of Mus. (Ashland College)  
*Field of Specialization: Music*

Mabelmae Frank VanDyke, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization: Education*

Margaret Whited VanGundy,  
Springfield  
B.S. in Edu. (Wittenberg University)  
*Field of Specialization: Education*

Ann McPherson VanVliet, Chillicothe  
B.S. in Edu. (New Jersey State Teachers College)  
*Field of Specialization: Education*

Roy Vercruyse, Columbus  
B.S. in Edu.  
*Field of Specialization: Education*

Peter James Vicente,  
Philadelphia, Pa.  
B.A. (La Salle College)  
*Field of Specialization: Psychology*

Thomas J. Vinson, Brooklyn, N.Y.  
B.A. (Brooklyn College)  
*Field of Specialization: Journalism*

Elaine Marie Vitello, Masury  
B.S. (College of Saint Mary of the Springs)  
*Field of Specialization: Physical Education (Health Education)*

Kathleen Louise Vitmier,  
Pittsburgh, Pa.  
A.B. (Grove City College)  
*Field of Specialization: German*

Christina Hepner Voyles, Columbus  
B.A. (Capital University)  
*Field of Specialization: Education*

\* Also Bachelor of Arts, Colleges of the Arts and Sciences

Ronald Douglas Wagner, Willoughby  
B.A.  
*Field of Specialization:* East Asian  
Languages

Grunna Cohen Walowit, Columbus  
A.B. (State University of New York  
at Albany)  
*Field of Specialization:* History

Stephanie Elaine Walter, Columbus  
B.S.E. (University of Dayton)  
*Field of Specialization:* Education

Virginia Anne Wasson,  
Richmond, Ind.  
B.S. (Olivet Nazarene College)  
*Field of Specialization:* Music

Jene Watkins, Smithfield  
B.S. in Edu.  
*Field of Specialization:* Education

Cheryl Cain Webster, Ada  
A.B. (Fort Hays Kansas State  
College)  
*Field of Specialization:* Education

Diane Lenart Weeks, Rock Creek  
B.A., B.S. in Edu.  
*Field of Specialization:* Education

Nancy Cooper Weemhoff, Delaware  
B.A. (Adrian College)  
*Field of Specialization:* Education

Carol Ann Phillips Welch, Lexington  
B.S.Ed. (Ashland College)  
*Field of Specialization:* Education

Michael Vernon Wells, Kettering  
B.A. (Wright State University)  
*Field of Specialization:* History

Marilyn Neiderhiser Wenig, Columbus  
B.S. (Bowling Green State  
University)  
*Field of Specialization:* Education

Beverly Rodda West, Columbus  
B.S. in Edu. (Valparaiso University)  
*Field of Specialization:* Education

Joel Eugene West, Dublin  
B.S. in Edu.; M.Ed. (Furman  
University)  
*Field of Specialization:* Music

Catherine Alene Wharton, Coshocton  
B.S. in Edu.  
*Field of Specialization:* Education

Frank Hood Whitchurch, Columbus  
B.S., M.A., (University of Minnesota)  
*Field of Specialization:* Romance  
Languages

MaryBelle Briney White, Coshocton  
B.S. in Com. (State University of  
Iowa)  
*Field of Specialization:* Education

Nancy Ann Whitmore, Columbus  
B.A. (DePauw University)  
*Field of Specialization:* Art

Lawton Densler Wilkinson,  
Hendersonville, N. C.  
B. of Mus. (Saint Louis Institute of  
Music)  
*Field of Specialization:* Music

Betty Derfingier Wilson, Columbus  
B.S. Ed. (Ohio University)  
*Field of Specialization:* Education

Phillip Melvin Wishon, Ashville  
B.S. in Edu.  
*Field of Specialization:* Education

Daniel Joseph Wnek, Buffalo, N. Y.  
B.A. (Canisius College)  
*Field of Specialization:* Education

Joan Silverman Wolf, Columbus  
B.S. (University of Utah)  
*Field of Specialization:* Education

Donald Eugene Wolfe, Columbus  
A.B. (Adams State College)  
*Field of Specialization:* Physical  
Education

Jack Wood, Jr., Amarillo, Tex.  
B.S. in Edu.  
*Field of Specialization:* Physical  
Education

Charles Edgar Workman, Columbus  
B.S. in Edu.  
*Field of Specialization:* Education

Stanley Marvin Yabroff, Euclid  
B.S. in Edu.  
*Field of Specialization:* Education

Myrle Jean Yoh, Van Wert  
B.S. in Edu. (Taylor University)  
*Field of Specialization:* Education

Robert Thomas Young, St. Catharines,  
Ont., Canada  
B.A. (Hanover College)  
*Field of Specialization:* Psychology

Robert Edward Zadrozny, Seven Hills  
B.S. in Edu.  
*Field of Specialization:* Education

John Fredrick Zimmerman, Jr.,  
Canfield  
B.A. (Athenaeum of Ohio)  
*Field of Specialization:* English

Michael Charles Zorich, II,  
Reynoldsburg  
B.S. in Edu.  
*Field of Specialization:* Education

## Master of Business Administration

Twenty-three candidates

Larry Jay Bainter, Columbus  
B.B.A. (Ohio University)  
*Field of Specialization:* Business  
Administration

David Alan Barry, Columbus  
B.S.M.E.  
*Field of Specialization:* Business  
Administration

Robert Dean Bocock, Worthington  
B.A. (Wichita State University);  
M.S. (Stanford University)  
*Field of Specialization:* Business  
Administration

Eric Alan Brown, Battle Ground, Ind.  
B.S.A. (Purdue University)  
*Field of Specialization:* Business  
Administration

William Francis Buckley,  
New Brunswick, N. J.  
A.B. (University of Nebraska)  
*Field of Specialization:* Business  
Administration

Gene Frederick Cervi, Yorktown, Va.  
B.S. (College of William and Mary)  
*Field of Specialization:* Business  
Administration

Robert Albert Corea, Niles  
B.S. in Bus. Adm.  
*Field of Specialization:* Business  
Administration

John Orton Dilland, Tioga, N. D.  
B.S. (North Dakota State University)  
*Field of Specialization:* Business  
Administration

Richard Anthony Di Lorenzo,  
Rosedale, N. Y.  
B.S. in M.E. (University of Notre  
Dame)  
*Field of Specialization:* Business  
Administration

John Joseph Fedor, Memphis, Tenn.  
B.S. in Bus. Adm.  
*Field of Specialization:* Business  
Administration

Charles Jackson Gray, Columbus  
B.S. in Bus. (Indiana University)  
*Field of Specialization:* Business  
Administration

Brent Ernest Johnson, Lebanon  
B.S. in Bus. Adm.  
*Field of Specialization:* Business  
Administration



John Albert Kelting, Cleveland  
B.S. in Bus. Adm.  
*Field of Specialization: Business Administration*

Dennis Walter Kirsch,  
West Portsmouth  
B.Ch.E., M.S.  
*Field of Specialization: Business Administration*

John Albert Kuss, Dayton  
B.M.E. (General Motors Institute)  
*Field of Specialization: Business Administration*

Geoffrey Rickards Louis, Columbus  
B.S. (United States Military Academy)  
*Field of Specialization: Business Administration*

Robert Stephen Lynch,  
Wilmington, Del.  
B.S. (University of Delaware)  
*Field of Specialization: Business Administration*

William Grant Nelle, Jr., Columbus  
B.S. in Bus. Adm.  
*Field of Specialization: Business Administration*

Guy Richard Sattler, Jr., Columbus  
B.S. (Capital University)  
*Field of Specialization: Business Administration*

Ralph John Speelman, III, Dayton  
B.M.E. (Fenn College)  
*Field of Specialization: Business Administration*

James William Suhay, Jr., Bedford  
B.S. (United States Military Academy)  
*Field of Specialization: Business Administration*

Balkrishna Venkatesh,  
Dharwar, India  
B.E. (Engineering College, India);  
M.S. (Purdue University)  
*Field of Specialization: Business Administration*

Carl Joseph Watkins, Columbus  
A.B. (University of Michigan)  
*Field of Specialization: Business Administration*

## Master of City Planning

Six candidates

Lael Elsbeth Adams, Elma, N. Y.  
A.B. (Syracuse University)  
*Field of Specialization: City and Regional Planning*

Olga Wowk Gault, Montgomery, Ala.  
B.A. (Western Reserve University)  
*Field of Specialization: City and Regional Planning*

Jerlene Westenbarger Hargis,  
Port Clinton  
B.A. (University of Oklahoma)  
*Field of Specialization: City and Regional Planning*

David Paul Healey, Potsdam, N. Y.  
A.B. (Colgate University)  
*Field of Specialization: City and Regional Planning*

Madhab Bhakta Mathema,  
Kathmandu, Nepal  
B.C.E. (Jadavpur University)  
*Field of Specialization: City and Regional Planning*

Sara Ann Steiner, Wooster  
B.A. (Wittenberg University)  
*Field of Specialization: City and Regional Planning*

## Master of Fine Arts

Eleven candidates

Eric Donald Barringer, Piqua  
B.F.A. (Miami University)  
*Field of Specialization: Fine Arts (Graphics)*

Annamary Morrin Bierley, Springfield  
B.F.A. (Wright State University)  
*Field of Specialization: Fine Arts (Graphics)*

William Harvey Perkins Binnings,  
New Orleans, La.  
B.F.A. (Tulane University)  
*Field of Specialization: Fine Arts (Sculpture)*

Jerry LaVerne Bontrager, Berne, Ind.  
A.B. (Goshen College)  
*Field of Specialization: Fine Arts (Painting)*

Carolyn O'Donnell Grupenhoff,  
Columbus  
A.B. (College of Mount Saint Joseph on the Ohio)  
*Field of Specialization: Theatre*

Cheryl Ann Hayden, Columbus  
B.A.  
*Field of Specialization: Fine Arts (Ceramics)*

Richard Curtis Howell, Columbus  
B.F.A.  
*Field of Specialization: Fine Arts (Painting)*

Judith Marie McWillie,  
Memphis, Tenn.  
B.F.A. (Memphis State University)  
*Field of Specialization: Fine Arts (Painting)*

Trina Parsons Milefsky,  
Columbia, S. C.  
B.A. (University of South Carolina)  
*Field of Specialization: Fine Arts (Painting)*

Barbara Elizabeth Tanner,  
Willoughby  
B.A. (Westminster College, Pennsylvania)  
*Field of Specialization: Theatre*

Wilbur Lewis Wadlington, Columbus  
B.F.A.  
*Field of Specialization: Fine Arts (Expanded Arts)*

## Master of Music

Three candidates

John Kasson Carter, Columbus  
B. Music (Capital University); M.A.  
*Field of Specialization: Music*

John Sherman Husser, Jr.,  
Reynoldsburg  
B. Mus. (Indiana University)  
*Field of Specialization: Music*

Joyce Elaine Rhoades, Covington  
B. of Mus. (Wright State University)  
*Field of Specialization: Music*

## Master of Science

Two hundred and six candidates

Jose Ramon Acosta-Pujols,  
Santiago, Dominican Republic  
Ingen. (Instituto Tecnológico y de Estudios de Monterrey)  
*Field of Specialization: Electrical Engineering*

Yogesh Chandra Agrawal,  
Bareilly, U.P., India  
B.S. Agr. Engr. (United Provinces Agricultural University, India)  
*Field of Specialization: Agricultural Engineering*

Virginia Fouts Alabbasi, Columbus  
B.S.N. (University of Cincinnati)  
*Field of Specialization: Nursing*

Lois Gradisek Andreas, Lorain  
B.S. in Nurs.  
*Field of Specialization: Nursing*

Thomas Michael Archer, Sidney  
B.S. in Agr.  
*Field of Specialization*: Agricultural  
Engineering

<sup>1</sup> Ralph Daniel Au, Lucas  
*Field of Specialization*: Industrial  
Engineering

Dayatra Cezanne Baker,  
Marianna, Fla.  
B.S. (Florida Agricultural and  
Mechanical University)  
*Field of Specialization*: Pharmacy

Shiv Kumar Bakhshi,  
New Delhi, India  
B.S. (Eng.) (Panjab University,  
India)  
*Field of Specialization*: Mechanical  
Engineering

Milton Escossia Barbosa, Jr.,  
Fortaleza, Brazil  
Eng. Mech. (Instituto Tecnológico de  
Aeronautica)  
*Field of Specialization*: Welding  
Engineering

Jon Robert Barkhurst, Galion  
B.S.  
*Field of Specialization*: Mathematics

Basil Alexander Barna, Athens  
B.S. (Ohio University)  
*Field of Specialization*: Physics

James Kennard Barrentine, Columbus  
B.S. (Mississippi State University)  
*Field of Specialization*: Computer and  
Information Science

<sup>2</sup> John Mathew Barton, Waynesfield  
*Field of Specialization*: Electrical  
Engineering

Christopher Oscar Bast, Cambridge  
B.S. (United States Military  
Academy)  
*Field of Specialization*: Engineering  
Mechanics

Sandra Perkins Bell, Shelby  
B.S. in H.E.  
*Field of Specialization*: Home  
Economics

Rosemary Bliesner, Pittsburgh, Pa.  
B.A. (Mercyhurst College)  
*Field of Specialization*: Home  
Economics

Meredith Gene Bond,  
Schenectady, N. Y.  
B.S.  
*Field of Specialization*: Pathology

John Randall Bowman, Lebanon  
B.S. (College of William and Mary)  
*Field of Specialization*: Geology

Pearl Martin Brazier, Lancaster, Pa.  
B.S. Ed. (Millersville State College)  
*Field of Specialization*: Mathematics

William Latham Breunig, Cincinnati  
B. Cer. E.  
*Field of Specialization*: Ceramic  
Engineering

Letatia Ann Bright, New Orleans, La.  
B.S. (Southern University and  
Agricultural and Mechanical College)  
*Field of Specialization*: Computer and  
Information Science

Donald Lawrence Broering,  
Maria Stein  
B.S. in Agr.  
*Field of Specialization*: Agricultural  
Education

Ronald William Brown, Urbana  
B.E.E.  
*Field of Specialization*: Computer and  
Information Science

Kathleen Greenwood Busenkell  
Chicago, Ill.  
B.S. (Loyola University)  
*Field of Specialization*: Nursing

Sister Elizabeth Ann Byrne,  
Santa Fe, N. M.  
A.B. (College of Mount Saint Joseph  
on the Ohio)  
*Field of Specialization*: Allied  
Medicine

Richard Oliver Careaga,  
Los Angeles, Calif.  
A.B. (Occidental College)  
*Field of Specialization*: Geology

Robert Eustace Cassidy, Columbus  
B.S. (College of the Holy Cross);  
D.M.D. (Tufts University)  
*Field of Specialization*: Dentistry

Dinesh Chandra,  
Bahjoi, Moradabad, India  
B.E. (Birla Institute of Technology  
and Science)  
*Field of Specialization*: Electrical  
Engineering

Terry Lynn Chapman, Columbus  
B.W.E.  
*Field of Specialization*: Welding  
Engineering

Chin-Long James Chen,  
Tainan, Taiwan  
B.S. (National Chiao Tung  
University)  
*Field of Specialization*: Electrical  
Engineering

Chu Sarah Chen, Taipei, Taiwan  
B.S. (National Taiwan University)  
*Field of Specialization*: Botany

Ching Hua Chien, Kaohsiung, Taiwan  
B.S.E. (Taiwan Cheng Kung  
University)  
*Field of Specialization*: Welding  
Engineering

Katrina Hoopes Choate, Columbus  
B.S. (Texas Woman's University)  
*Field of Specialization*: Nursing

Prasas Chundhnakrua,  
Bangkok, Thailand  
B. Eng. (Chulalongkorn University)  
*Field of Specialization*: Civil  
Engineering

Margaret Bengtson Clark, Columbus  
B.S. (University of Connecticut)  
*Field of Specialization*: Home  
Economics

<sup>3</sup>Darryl Robert Conner,  
Beaver Falls, Pa.  
*Field of Specialization*: Chemical  
Engineering

Robert Franklin Couch, Jr.,  
Carrollton  
B.S. (Capital University)  
*Field of Specialization*: Geology

Jimmie Ray Courter, Dayton  
B.S.E.E. (Kansas State University)  
*Field of Specialization*: Electrical  
Engineering

Jeffrey Martin Cox, Columbus  
B.S.  
*Field of Specialization*: Geology

Joseph Paul Dalmasso,  
Fayetteville, Ark.  
B.S. (University of Arkansas)  
*Field of Specialization*: Microbiology

Balakrishnan Dasarathy,  
Tiruchirappalli, South India  
B.E. (University of Madras)  
*Field of Specialization*: Computer and  
Information Science

Janet Rosaltha Davis, New Castle, Pa.  
B.S. in Edu. (Youngstown State  
University)  
*Field of Specialization*: Home  
Economics

<sup>1</sup> Also Bachelor of Science in Industrial  
Engineering, College of Engineering

<sup>2</sup> Also Bachelor of Electrical Engineering,  
College of Engineering

<sup>3</sup> Also Bachelor of Chemical Engineering,  
College of Engineering

- Melinda Hernandez DeGuzman, Quezon City, Philippines  
B.S. (University of the Philippines)  
*Field of Specialization:* Chemistry
- Carole Ann DePaola, Columbus  
B.S.Ed. (Miami University)  
*Field of Specialization:* Home Economics
- George Andre Desrochers, Fall River, Mass.  
B.S. in C.E. (Northeastern University)  
*Field of Specialization:* Geodetic Science
- Richard Conrad Dieter, Bayside, N. Y.  
B.S. (University of Notre Dame)  
*Field of Specialization:* Mathematics
- William Henry Diley, Jr., Canal Winchester  
B.S. in Agr.  
*Field of Specialization:* Agricultural Education
- Susan Carolyn Dolge, Tiffin  
B.S. (Pennsylvania State University)  
*Field of Specialization:* Home Economics
- Sally Ann Doolan, Arcadia, Calif.  
B.S. (University of California, Davis)  
*Field of Specialization:* Allied Medicine
- Mark J. Ebersole, Corvallis, Ore.  
B.S. (Oregon State University)  
*Field of Specialization:* Computer and Information Science
- Louise Karl Eggers, Tiro  
B.S. (Ohio Dominican College)  
*Field of Specialization:* Microbiology
- Lynn Edward Elfner, Williamsburg  
B.S. in Agr.  
*Field of Specialization:* Botany
- James Homer Engle, South Vienna  
B.S.  
*Field of Specialization:* Aeronautical and Astronautical Engineering
- Michael Jacob Epstein, Brentwood, Mo.  
B.S. (Massachusetts Institute of Technology)  
*Field of Specialization:* Chemistry
- Edward Edeburn Erb, Jr., North Olmsted  
B.S.  
*Field of Specialization:* Geology
- Radford Vincent Ewing, Tiffin  
*Field of Specialization:* Mechanical Engineering
- Mary Louise Foresman Flickinger, Columbus  
B.S. Nurs. (Capital University)  
*Field of Specialization:* Nursing
- John Harris Flora, Xenia  
B.S.E.E. (Ohio University)  
*Field of Specialization:* Electrical Engineering
- Karen Adams Foos, Columbus  
B.S. in Edu.  
*Field of Specialization:* Botany
- George Morrison Fraunfelder, Lakewood  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Chemistry
- Stephen M. Freeman, Jr., Valley Stream, N. Y.  
B.S. (Rutgers—The State University)  
*Field of Specialization:* Ceramic Engineering
- Karen Sue Gash, River Edge, N. J.  
B.A. (Montclair State College)  
*Field of Specialization:* Home Economics
- Kenneth Robert Gebhart, Columbus  
B.I.E.  
*Field of Specialization:* Industrial Engineering
- Karen Hall Geizer, Bellville  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Home Economics
- Anne Taylor Glavan, Columbus  
B.S.H.E.  
*Field of Specialization:* Home Economics
- Thomas Walter Goettke, Columbus  
B.S. (University of Cincinnati)  
*Field of Specialization:* Natural Resources
- Gary Frank Goodman, Cincinnati  
B.A. (University of Hawaii)  
*Field of Specialization:* Computer and Information Science
- Oscar Edward Gray, III, Bordentown, N. J.  
B.S. (United States Naval Academy)  
*Field of Specialization:* Nuclear Engineering
- Dennis Alfred Guenther, Fairview Park  
B.S.M.E. (Purdue University)  
*Field of Specialization:* Mechanical Engineering
- Robert Charles Gunn, Toronto, Ont., Canada  
B.A.S., M.A.S. (University of Toronto)  
*Field of Specialization:* Geodetic Science
- Raymond Alfred Haeme, West Richfield  
B.S. (Bowling Green State University)  
*Field of Specialization:* Industrial Engineering
- Jack Edgar Hathaway, Columbus  
D.V.M.  
*Field of Specialization:* Veterinary Pathology
- John Mark Hefner, Columbus  
B.S. (Capital University)  
*Field of Specialization:* Zoology
- Terry Mosier Helm, Rexburg, Idaho  
B.S. (Brigham Young University)  
*Field of Specialization:* Nuclear Engineering
- Robert Edwin Hill, Columbus  
B.S. in Edu.  
*Field of Specialization:* Natural Resources
- Mu-Lien Maureen Ho, Taipei, Taiwan  
B.S. (National Taiwan University)  
*Field of Specialization:* Botany
- Arthur E. Howle, Jr., Euclid  
B.M.E. (General Motors Institute)  
*Field of Specialization:* Mechanical Engineering
- Robert Blaine Huguenard, Columbus  
B.I.E.  
*Field of Specialization:* Industrial Engineering
- Mmajuogu Onyelanke U. Ikpeama, Mbiopong, Oboro, Nigeria  
B.S. (University of Durham, Fourah Bay College)  
*Field of Specialization:* Geology
- Carol Ann Imbus, Cincinnati  
B.S. (H.E.) (Nazareth College, Kentucky)  
*Field of Specialization:* Home Economics
- Sharon Haughey Imbus, Columbus  
B.S. in Nurs.  
*Field of Specialization:* Nursing

<sup>1</sup> Also Bachelor of Mechanical Engineering, College of Engineering

Sally E. James, Elyria  
B.A. (Bowling Green State  
University)  
*Field of Specialization:* Computer and  
Information Science

Nikzad Sabet Javid, Tehran, Iran  
D.M.D. (University of Tehran)  
*Field of Specialization:* Dentistry

T. N. Jayarajan,  
Gudalur Bazar, India  
B. Sci. Eng. (University of Kerala)  
*Field of Specialization:* Welding  
Engineering

Joyce Edith Johnson, Mayville, N. D.  
B.S. (North Dakota State University)  
*Field of Specialization:* Home  
Economics

\*Larry Alva Johnson, Okeana  
*Field of Specialization:* Mechanical  
Engineering

David Franklin Jones, Strasburg  
B.S. (Otterbein College)  
*Field of Specialization:* Physics

Patricia Dolores Jones, Bellmore, N.Y.  
B.A. (State University of New York  
at Oswego)  
*Field of Specialization:* Zoology

Salim Najib Jreissaty, Zahle, Lebanon  
B.S. (American University of Beirut)  
*Field of Specialization:* Chemistry

Donald Albert Kadunc, Euclid  
B.M.E., M.S.  
*Field of Specialization:* Mechanical  
Engineering

Edward Mark Kaiser, Clifton, N. J.  
B.S. (Seton Hall University)  
*Field of Specialization:* Chemistry

Daryl James Kelly, Newark  
B.S.  
*Field of Specialization:* Microbiology

Paul David Kelty, Louisville, Ky.  
B.E.E. (University of Louisville)  
*Field of Specialization:* Electrical  
Engineering

James Harry Ketcham, Rushville  
B.S. in Agr.  
*Field of Specialization:* Agricultural  
Education

Marian Lenhart Keyser, Campbell  
B.S.  
*Field of Specialization:* Microbiology

Mostafa Khosropour,  
Washington, D. C.  
B.S.M.E. (University of Houston)  
*Field of Specialization:* Mechanical  
Engineering

Jong Hyuk Kim, Seoul, Korea  
B.S. (Hanyang University, Korea);  
B.S. Cer. E. (University of Missouri  
at Rolla)  
*Field of Specialization:* Ceramic  
Engineering

Tong Kee Kim, Mokpo, Korea  
B. Pharmacy (Sung Kyan Kwan  
University, Korea)  
*Field of Specialization:* Poultry  
Science

Ruth Leflar King, Oxford  
B.S. in Nurs.  
*Field of Specialization:* Nursing

Roger Ned Kramer, Worthington  
D.D.S.  
*Field of Specialization:* Dentistry

Wilma Asbury Kumler, Wilmington  
B.S. (Eastern Kentucky University)  
*Field of Specialization:* Home  
Economics

Chun Choon Lam, Ipoh, Malaysia  
B.S. (Manyang University,  
Singapore)  
*Field of Specialization:* Statistics

Joyce Ann Landers, Cincinnati  
B.S. in Nurs. (University of  
Cincinnati)  
*Field of Specialization:* Nursing

Richard Arthur Lasher,  
Liverpool, N. Y.  
B.A. (State University of New York  
at Binghamton)  
*Field of Specialization:* Computer and  
Information Science

Lawrence Lap Tak Lee,  
Kowloon, Hong Kong  
B.S. (University of Arizona)  
*Field of Specialization:* Mechanical  
Engineering

Sandra Faller Leopold, Huron  
B.A. (Otterbein College)  
*Field of Specialization:* Home  
Economics

Carl Robert Lieberman, Columbus  
B.S. (Bowling Green State  
University)  
*Field of Specialization:* Chemical  
Engineering

Charles Henry Linert, Solon  
B.S. in Agr.  
*Field of Specialization:* Natural  
Resources

Jeannette Chapman List, Grove City  
B.S.  
*Field of Specialization:* Home  
Economics

Paul James Little, Girard  
A.B. (Youngstown State University)  
*Field of Specialization:* Natural  
Resources

Blanca Dolly Tejada Lopez,  
Medellin, Colombia  
*Field of Specialization:* Home  
Economics

Betty Joan Defrees Lorenz,  
Elkart, Ind.  
B.S. in Nurs. (Goshen College)  
*Field of Specialization:* Nursing

Raymond Julius Luebbers, Akron  
B.S.E.E. (University of Cincinnati)  
*Field of Specialization:* Electrical  
Engineering

Joanne Louise Mackin, Columbus  
B.S. in Med. Diet.  
*Field of Specialization:* Allied  
Medicine

<sup>1</sup> Glenn Lawrence Mara, Columbus  
*Field of Specialization:* Welding  
Engineering

David Lichty Martin, Lancaster, Pa.  
B.A. (Franklin and Marshall College)  
*Field of Specialization:* Geology

Marianne Maynard, Amsterdam, N. Y.  
B.S. (State University of New York  
at Albany)  
*Field of Specialization:* Mathematics

Denis Mee-Lee, Worthington  
M.B.B.S. (University of Queensland,  
Australia)  
*Field of Specialization:* Psychiatry

Philip Jerome Meves, Alliance  
B.Ch.E.  
*Field of Specialization:* Chemical  
Engineering

William Frederic Meyer, Danville, Va.  
D.V.M. (University of Georgia); B.S.  
(University of Wisconsin)  
*Field of Specialization:* Veterinary  
Preventive Medicine

Douglas Lawrence Miller, Steubenville  
B.S.  
*Field of Specialization:* Physics

Larry Wallace Miller, Dayton  
B.S.E.E. (North Carolina State Uni-  
versity)  
*Field of Specialization:* Electrical  
Engineering

Rickie Lynn Miller, Lima  
*Field of Specialization:* Electrical  
Engineering

\* Also Bachelor of Science in Aeronautical and  
Astronautical Engineering, College of  
Engineering

<sup>1</sup> Also Bachelor of Welding Engineering,  
College of Engineering

Thomas Joseph Miller, Columbus  
B.S. (Xavier University); D.D.S.  
*Field of Specialization: Dentistry*

Thomas William Miller,  
Cleveland Heights  
B.S.E.E. (Carnegie-Mellon  
University)  
*Field of Specialization: Electrical  
Engineering*

Frank Schriver Mills, Ashland  
B.E.E.  
*Field of Specialization: Electrical  
Engineering*

Gretchen Curtis Mills, Columbus  
B.S. in Nurs.  
*Field of Specialization: Nursing*

Hildegard Kauth Minchenko,  
Reynoldsburg  
B.E.E.  
*Field of Specialization: Electrical  
Engineering*

Judith Auker Moffett, Columbus  
B.S. in Nurs.  
*Field of Specialization: Nursing*

Raymond Mok,  
Causway Hill, Hong Kong  
B.S. (University of California,  
Berkeley)  
*Field of Specialization: Electrical  
Engineering*

Marian Gail Moore, Columbus  
B.S.  
*Field of Specialization: Computer and  
Information Science*

Christine Staudt Moran, Cincinnati  
B.A. (Marymount College, New  
York); B.S.Nurs. (College of Mount  
Saint Joseph on the Ohio)  
*Field of Specialization: Nursing*

Robert Philip Morgan, Columbus  
B.S.  
*Field of Specialization: Physiology*

Victor Wayne Motz, Ft. Wayne, Ind.  
B.S. (Purdue University)  
*Field of Specialization: Chemistry*

William Wallace Muir, III,  
East Lansing, Mich.  
B.S., D.V.M. (Michigan State  
University)  
*Field of Specialization: Veterinary  
Physiology and Pharmacology*

Stanley Paul Myers, Columbus  
B.S. in Agr.  
*Field of Specialization: Horticulture*

David Kuo-An Ni, Taipei, Taiwan  
*Field of Specialization: Chemical  
Engineering*

Barbara Ann Olszewski,  
North Royalton  
*Field of Specialization: Electrical  
Engineering*

John Lorenz Oswald, Monroe  
B.S.  
*Field of Specialization: Geodetic  
Science*

Curtis Arthur Pals,  
Grand Rapids, Mich.  
A.B.Ed. (Calvin College)  
*Field of Specialization: Mathematics*

Sergio Bicudo Paranhos,  
Sao Paulo, Brazil  
Eng.Agr. (University of Sao Paulo  
Piracicaba)  
*Field of Specialization: Agronomy*

William Alan Poolos, Waverly  
*Field of Specialization: Ceramic  
Engineering*

Gerald Gene Pope, Bloomville  
B.S. in Nutrition  
*Field of Specialization: Horticulture*

Kirk Patrick Postier, Wichita, Kan.  
B.S. (Wichita State University)  
*Field of Specialization: Mathematics*

David Lee Powell, Jr., Glendale, Ariz.  
A.B. (Saint Michael's College),  
D.D.S. (Howard University)  
*Field of Specialization: Dentistry*

Harold David Prior, Jr., Cincinnati  
B.Cer.E.  
*Field of Specialization: Ceramic  
Engineering*

Robert Carey Prior, Columbus  
B.S.A.A.E.  
*Field of Specialization: Aeronautical  
and Astronautical Engineering*

Blaine R. Rabe, Coldwater  
B.E.E.  
*Field of Specialization: Electrical  
Engineering*

Bruce Allan Ramsey, Wooster  
B.S. in Agr.  
*Field of Specialization: Agricultural  
Education*

David Allan Randall, Dayton  
*Field of Specialization: Aeronautical  
and Astronautical Engineering*

John Thomas Randall, Portsmouth  
*Field of Specialization: Ceramic  
Engineering*

Beverly Ann Raney, Columbus  
B.S. in H.E. (University of Texas)  
*Field of Specialization: Home  
Economics*

Rajive Ray, Bangalore, India  
B.S. (State University of New York  
at Stony Brook)  
*Field of Specialization: Computer  
and Information Science*

Anthony Vytautas Razgaitis,  
Mayfield Heights  
B.S. (Cleveland State University)  
*Field of Specialization: Mathematics*

Ronald Michael Reichert,  
Milwaukee, Wis.  
B.A. (University of Wisconsin)  
*Field of Specialization: Physics*

Claudette Petrie Render, Dayton  
B.S.Nurs. (Meharry Medical College)  
*Field of Specialization: Nursing*

James Boyd Roane, Norman, Okla.  
B.S. (University of Oklahoma);  
D.D.S. (Baylor University)  
*Field of Specialization: Dentistry*

Marilyn Margaret Rose,  
Harrisburg, Pa.  
B.A. (Mercyhurst College)  
*Field of Specialization: Home  
Economics*

Charles Edward Ross, Columbus  
B.A. (North Central College,  
Illinois)  
*Field of Specialization: Preventive  
Medicine*

Jeffrey Lloyd Rossio, Beachwood  
B.S. (University of Michigan)  
*Field of Specialization: Microbiology*  
Paul Stephen Rutledge, Chillicothe  
B.A. (Kalamazoo College)  
*Field of Specialization: Zoology*

Kenneth Michael Ryan, New Lebanon  
B.S. (University of Dayton)  
*Field of Specialization: Chemistry*

Dennis Lee Sawyer, Massillon  
B.S., M.Opt. (University of  
Indiana)  
*Field of Specialization: Physiological  
Optics*

Dunell Vernon Schull, Columbus  
B.S., B.Chem. (University of  
Minnesota)  
*Field of Specialization: Aeronautical  
and Astronautical Engineering*

Mary Elizabeth Schutte,  
New Orleans, La.  
B.S. (Saint Mary's Dominican  
College)  
*Field of Specialization: Pathology*

<sup>1</sup> Also Bachelor of Electrical Engineering,  
College of Engineering

<sup>2</sup> Also Bachelor of Ceramic Engineering,  
College of Engineering

<sup>3</sup> Also Bachelor of Aeronautical and  
Astronautical Engineering,  
College of Engineering

- Donna Sari Selnick,  
Long Beach, N. Y.  
B.S. (Cornell University)  
*Field of Specialization: Home Economics*
- Michael Herman Shaevitz, Columbus  
B.S.  
*Field of Specialization: Physics*
- Roy Kenneth Shearer, Lancaster, Pa.  
B.S.Ed. (Millersville State College)  
*Field of Specialization: Mathematics*
- Albert Dennis Shelton, Marion  
B.S. in Edu.  
*Field of Specialization: Natural Resources*
- Francis Lee Shenton, Ames, Ia.  
B.S. (Iowa State University)  
*Field of Specialization: Chemistry*
- Thomas Patrick Sherrin, Dillonvale  
B.S. in Phar.  
*Field of Specialization: Pharmacy*
- Roger Charles Shulze,  
Glastonbury, Conn.  
B.S.Engr. (Brown University)  
*Field of Specialization: Aeronautical and Astronautical Engineering*
- Ying Irene Shung, Taipei, Taiwan  
B.S. (National Taiwan University)  
*Field of Specialization: Botany*
- William Paul Skivolecki, Homeworth  
B.S., M.D.  
*Field of Specialization: Physiology*
- Walter Andrew Smith, Kettering  
B.E.E. (University of Dayton)  
*Field of Specialization: Electrical Engineering*
- Evangeline Ruth Snider,  
Colorado Springs, Colo.  
B.S. (Marymount College, Kansas)  
*Field of Specialization: Nursing*
- Carlos F. Dias Souto,  
Lisbon, Portugal  
B. Naval Science (Portuguese Naval Academy)  
*Field of Specialization: Geodetic Science*
- Joseph James Speranza,  
Southfield, Mich.  
*Field of Specialization: Electrical Engineering*
- Donna Gail Sperry, Maloneton, Ky.  
B.S. (Morehead State University)  
*Field of Specialization: Zoology*
- James Arlen Spiess, Delaware  
B.S. in Agr.  
*Field of Specialization: Agricultural Education*
- Charlotte Louise Stefanics, Dayton  
B.S.Nurs. (Seton Hall University)  
*Field of Specialization: Nursing*
- Maria Walker Steinbaugh, Columbus  
B.S.Med.Diet.  
*Field of Specialization: Allied Medicine*
- Dennis William Stevenson, Columbus  
B.S.  
*Field of Specialization: Botany*
- Vernon Lee Strong, Spencer, S. D.  
B.A. (Greenville College)  
*Field of Specialization: Mathematics*
- Richard Lee Stroshine, Oregon  
B.Agr.E.  
*Field of Specialization: Agricultural Engineering*
- Paul Russell Swartz, Perrysburg  
B.Ch.E.  
*Field of Specialization: Chemical Engineering*
- Winston Carlisle Swift, Columbus  
B.A. (California State College at Los Angeles)  
*Field of Specialization: Computer and Information Science*
- John Albert Taylor, Columbus  
B.E.E.  
*Field of Specialization: Electrical Engineering*
- Alan Venson Thompson,  
College Station, Tex.  
B.S. (Texas Agricultural and Mechanical University)  
*Field of Specialization: Agricultural Engineering*
- Michael Peter Thur, Cleveland  
B.S. in Phar.  
*Field of Specialization: Pharmacy*
- Atsushi Toda, Tokyo, Japan  
B.Eng. (Waseda University)  
*Field of Specialization: Mechanical Engineering*
- Patricia Alleice Toldan, Dallas, Tex.  
B.A. (Trinity University)  
*Field of Specialization: Chemistry*
- Alice Mae Tommas, Bellevue  
B.S. in H.E.  
*Field of Specialization: Home Economics*
- Bruce Calvin Trott, Columbus  
B.E.E.  
*Field of Specialization: Electrical Engineering*
- Dimitry Michael Turin, Columbus  
B.S. (Wayne State University);  
D.D.S. (University of Detroit)  
*Field of Specialization: Dentistry*
- Terry Elaine Voss, Bellefontaine  
B.S.  
*Field of Specialization: Zoology*
- Harold Elmer Warvari,  
Lindenhurst, N. Y.  
B.S. (Michigan State University)  
*Field of Specialization: Biochemistry*
- Donna Jeanne Watanabe, Cincinnati  
B.S.Nurs. (University of Cincinnati)  
*Field of Specialization: Nursing*
- William Temerish Watson,  
Rochelle, Ga.  
D.V.M. (Tuskegee Institute)  
*Field of Specialization: Veterinary Medicine*
- Larry Russell Wilmore,  
Port Neches, Tex.  
B.S. (Lamar State College of Technology)  
*Field of Specialization: Zoology*
- James Lewis Wilson, Strongsville  
B.S. in Agr.  
*Field of Specialization: Agricultural Education*
- Larry Gene Wilson, Van Wert  
B.S. in Agr.  
*Field of Specialization: Agricultural Education*
- Nyebuchi Jonathan Wosu,  
Woji-Obia, Nigeria  
B.S. (Colorado State University)  
*Field of Specialization: Veterinary Medicine*
- Chien-Jiun Yeh, Neil-Li, Taiwan  
B.Eng. (Taiwan Provincial College of Marine and Oceanic Technology)  
*Field of Specialization: Welding Engineering*
- Robert Thomas Yurosko,  
Cuyahoga Falls  
B.M.E.  
*Field of Specialization: Mechanical Engineering*
- Susan Bashor Zavotka, Cincinnati  
B.S. in H.E.  
*Field of Specialization: Home Economics*

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Geoffrey Keller  
Vice Provost for Arts and Sciences: Robert G. Arns

The Colleges of the Arts and Sciences, a federation of five colleges, includes:

College of The Arts

Dean: Lee Rigsby

College of Biological Sciences

Dean: Richard Bohning

College of Humanities

Dean: Arthur E. Adams

College of Mathematics and Physical Sciences

Dean: Geoffrey Keller

College of Social and Behavioral Sciences

Dean: Franklin P. Kirkpatrick

College of The Arts

Dean: Lee Rigsby

Bachelor of Arts

Eight candidates

Thomas Whiteford Boeker, Toledo  
Richard John Bruggeman, Marion  
Susan Beverly Ealy, Hudson  
Lyndell Lewis Hagood,  
Benton Harbor, Mich.  
Marcia Gail Haidin, Columbus  
Michael Joseph Paul, Shaker Heights  
Lawrence Lewis Schiff,  
Yonkers, N. Y.  
Peter Young Wilks, Columbus

Bachelor of Fine Arts

Twenty-nine candidates

Diane Lynn Adams, Solon  
Dawn Elaine Barber, Perrysburg  
Robert Allen Berkemer, Columbus  
Enid Elin Blechman, New York, N. Y.  
Peggy Jane Bornstein,  
Flushing, N. Y.  
Joelene Joy Contrucci, Pittsburgh, Pa.  
James Lawrence Eichenberger,  
Cincinnati  
Carolyn Cherie Fannin, Fairborn  
Randall Gordon Fisher, Gallipolis  
Mary Ellen Fouser, Shelby  
Joyce Evelyn Harrow, Van Wert  
Cynthia Rae Heckaman,  
Washington, C. H.

Marie Monica Husbeck, Columbus  
Mary Kathryn Jewell, Columbus  
Alan Edward Koppel, Jamaica, N. Y.  
Susan Ilene Kreiter,  
Highland Park, Ill.  
Joan Elizabeth Landsberger,  
Teaneck, N. J.  
Deborah Deen Madden,  
Fairview Park  
Mark Andrew Mahall, Columbus  
Donald Paoletta, Parma  
Neldon Joseph Peacock, Marion  
Robin Louise Ryan, Dayton  
Rita Joan Schwartz, Syosset, N. Y.  
Barbara Louise Slavik, Coldwater  
Lawrence Edward Snider, Columbus  
Vivian Starobin, New Windsor, N. Y.  
Betty Cline Talbott, Columbus  
Lynda Sue Wallenstein, Cleveland  
Robert D. Willson, Jr., Columbus

Bachelor of Music

Three candidates

Cheryl Frank Hammerman, Columbus  
Paul Alan Miller, Westerville  
James Arthur Ravan, Jr., Akron

Bachelor of Art Education and  
Bachelor of Music Education  
degree are offered jointly by the  
College of The Arts and the  
College of Education  
Candidates are listed on page 43

Bachelor of Science in Industrial Design

Three candidates

John Thomas Athey, Akron  
Stephen Ralph Spriggs, Jackson  
Yuk Dan Wong, Norwood

College of Biological Sciences

Dean: Richard Bohning

Bachelor of Arts

Three candidates

Martin Allen Drozdowicz, Toledo  
Barbara Lowman Walton, Columbus  
Caroline Clement Whitacre, Morrow

Bachelor of Science

Forty-two candidates

Richard Aaron Bentley, Findlay  
John Sylvin Brady, Columbus  
Linda Ann Braun, Columbus  
Michael William Callahan, Columbus  
Francis John Campana, Beachwood  
Charles Edward Carter, St. Paris  
Ted E. Darbyshire, Lima  
James Raymond Darwood, Van Wert  
David Allan Dickinson, Toledo  
James Allen Everhart, Columbus  
Stephen Edward Fatzinger, Columbus  
Foster Darrell Ferryman, Springfield  
John Gaillard Fuller, Columbus  
Jane Marie Gross, Hubbard  
Terry Lynn Hackbarth, Worthington  
Margaret Hayden Harrington,  
Lakewood  
Ronald James Hayes, Franklin  
David Elmer Heinlen, Bucyrus  
Francis John Holtzhauer, Columbus  
Kay Isamu Horiba, Jr.,  
Shaker Heights  
Carol Josephine Hoying, Dayton  
William Ernest Johns, Steubenville  
Allan Neil Kolins, Wantagh, N. Y.  
Alan Thomas Kraft, Englewood, N. J.  
Linda Ann Krause, Kettering  
David Byrd Martin,  
Rochester, Minn.  
Gregory Sean McKown, Columbus  
John Michael McMahan, Elida  
Thomas Lee Mock, Parma  
Steven Robert Newman,  
North Randall  
Joyce Kathleen Osborne, St. Marys  
Richard Allan Park, Columbus  
Dennis George Polley, Bellevue  
Dale Allan Rausch, Bedford  
George Pete Shiva, Akron  
Daniel Peter Siminski, Toledo  
Terry Lee Tickhill, Barnesville  
Roger William Toothman,  
St. Louisville  
Judith Marie Torma, East Cleveland  
Susan Miller VanAusdal, Columbus  
David Allen Zito, Wadsworth  
Dennis Dale Zito, Wadsworth

## College of Humanities

Dean: Arthur E. Adams

### Bachelor of Arts

Eighty-nine candidates

Beatrix Kosmahl Ahlswede,  
Olmsted Falls  
William Dean Barson,  
Walled Lake, Mich.  
David Harvey Bauman,  
University Heights  
Daniel Joseph Boyle, Columbus  
Christine Elaine Campbell, Columbus  
Jerrie Hollifield Campbell, Columbus  
Tracy Dunning Carmichael, Columbus  
John Andrew Chervenak, Lakewood  
James William Clezie, Columbus  
Donald Carl Coffin, Columbus  
Robert Gary Colman, Shaker Heights  
Roger Lawrence Connor, Jr.,  
Columbus  
Dale Roger Corbett, Columbus  
Kathleen Ann Cull, Columbus  
Anne Dolores Daly, Worthington  
Kenneth Bruce Derryberry, Lima  
Terry Lee Dinwiddie, Columbus  
Christopher Sayre Duckworth,  
Columbus  
Roberta Bender Elliott,  
Oxon Hill, Md.  
Larry Eskridge, Shaker Heights  
David Brian Gallup, Painesville  
Barbara Lynn Golden, Cleveland  
Ava Renee Goldman, Akron  
Kathryn Koret Goldsmith, Columbus  
Robert Ralph Goodballet, Greenhills  
Richard Orval Greene, Columbus  
John Douglas Hadacek, Fostoria  
Judith Ann Hagler, Columbus  
Anne Quinn Hale, Worthington  
Ronald Craig Hamilton, Mansfield  
Stanley Mark Hammerman,  
Columbus  
Pamela Stephens Heitz, Columbus  
Steven Jay Henry, Chicago, Ill.  
Donna Jordan Hiles, Columbus  
Patrick Michael Howes, Dayton  
Roland David Johannsen,  
Shaker Heights  
Penny Lynn Johnson, Columbus  
Louise Laten Jones,  
Cleveland Heights  
Helene Sharon Kasavan, Dayton  
Gail Lauderdale, Columbus  
Paul Michael Laurie, Beachwood  
Judith Ellen Lehman, Columbus  
Lana Lensky, Avon

Eric Theodore Lubov, Toledo  
Linda Carol Luoma, Mentor  
Mark Harrison McDougale,  
Worthington  
Edward John McLaughlin,  
Canton, Mass.  
Lawrence Bowler McLaughlin, Lima  
Philip Howard Menendian, Columbus  
Frank Stephen Meszaros, Columbus  
Michael Scott Miller, Toledo  
Stephen Douglas Miller, Kettering  
Michael Terry Mullen, Sidney  
L. Richard Musat, Fairview Park  
Stephen Paul Nagy, Groveport  
Ralph Thomas Nicolosi, Marion  
Deborah Bordenfelter Noe, Cincinnati  
Susan Lynn Olshan, Fort Lee, N. J.  
Sonja Jane Owen, Dayton  
Michael McDonald Parker,  
Reynoldsburg  
Cheryl Anne Pavlik,  
North Muskegon, Mich.  
Michael Thomas Pekarek, Centerville  
George John Pfaff, Columbus  
Joanne Stephanie Phillips,  
Fairview Park  
Paul Christian Pyle, Columbus  
Sherry Neel Rhodes, Columbus  
Robert Alan Ridewood, Columbus  
Eileen Lucile Roberts, Columbus  
Michael Howard Rosen, Columbus  
Nancy Leah Van Kirk Sander,  
Columbus  
Stuart Jeffrey Schatz,  
Bala Cynwyd, Pa.  
Michael Shafran, Cleveland Heights  
Ronald Karam Sheban, Youngstown  
Paul David Shields, Columbus  
\*George Weston Shoemaker,  
Columbus  
Paula Ann Steigerwald, Wooster  
Gregory Lynn Stephenson,  
Portsmouth  
Robert Lavern Swires, Mansfield  
Donald Scott Tittle, Shaker Heights  
Beatrice Barth Uhl, Columbus  
Carol Watkins VonderEmbe,  
Mansfield  
William Marvin Wade, Jr., Lima  
Nina Elisabeth Wagner, Canton  
Richard Robert Warfel, Jr.,  
Worthington  
Howard Emmett Welt, Jr.,  
Ogdensburg, N. Y.  
Gregory Kent West, Columbus  
Michael MacLaren Wilson, Columbus  
\*Kate Pratt Wonacott, Columbus  
Paula Kay Young, Canton

## College of Mathematics and Physical Sciences

Dean: Geoffrey Keller

### Bachelor of Arts

Four candidates

Linda Turley Cochran, Carrollton  
B.S. in Edu.  
Mary Christena Ickes, Dalton  
Robert Frank Nolan, Columbus  
Bruce Shane Tetelman,  
Shaker Heights

### Bachelor of Science

Twenty-nine candidates

Wolfram Hans Andrews, Groveport  
Jerry Lynn Baker, Marysville  
Paul Keith Beaber, New Philadelphia  
David Alan Beery, Columbus  
Michael Joseph Benson, Columbus  
Terry Allen Breinich, Mansfield  
John Thomas Clark, Columbus  
Bruce William Collins, Akron  
Hobart James Crusenberry, Jr.,  
Pennington Gap, Va.  
William Robert Davy, Columbus  
Robert Dean Dawson, Columbus  
Rebecka Anne Dent, Toledo  
John Stanley Domanski, Cleveland  
John Robert Finke, Kettering  
William Alfred Fleak, Columbus  
Donald Douglas Funnell, West Unity  
Luther Gregory Harrington,  
Columbus  
Carolyn Jane Hartley,  
Alexandria, Va.  
Robert William Meadows, Columbus  
Daniel Wayne Morris, Brooklyn  
Thomas Sharp Moser, Fredericktown  
Randall Brad Nehamkin,  
South Euclid  
James Bisset Perry, Middletown  
John Stephen Petrek, Jr., Hubbard  
Harold Lee Reed, Hillsboro  
David Elvin Regula, Columbus  
David Earle Smith, Columbus  
Willard Harry White, Columbus  
Donald Glynn Wilson,  
San Antonio, Tex.

\* Also Bachelor of Science in Education,  
College of Education



**College of Social and Behavioral Sciences**

Dean: Franklin P. Kilpatrick

**Bachelor of Arts**

One hundred and forty-seven candidates

Allen Robert Aerni, Mason  
Charles Austin Anderson, Dayton  
Thomas Dee Ashton, Columbus  
David Olen Bailey, Peebles  
Donna Jean Balding, Newark  
Joy Del Bebout, Hebron  
Harlee Jean Berson,  
South Orange, N. J.  
Cheryl Lee Bishop, Twinsburg  
Ronald James Bloomfield,  
Columbus  
Margaret Brown Boroff, Columbus  
Jeffrey Steven Bragg, Granville  
Susan Carol Breitsch, Euclid  
Richard Peter Briefstein,  
Clifton, N. J.  
Carter Derek Brown, North Canton  
Pamela Joyce Browning, Hillsboro  
Harvey Bruce Bruner,  
Cleveland Heights  
Laura Kay Burger, Fostoria  
Timothy Allan Burns, Columbus  
Donald Hugh Carey, Columbus  
Denise Ann Carque, Brunswick  
Margaret Lynne Casbourne,  
Ashtabula  
Peter Nelson Cass, Columbus  
Mark Nancy Clarridge, Columbus  
Paula Marianna Clingman,  
Kettering  
Sanford Jerome Cohan, Steubenville  
Lynette Combs, Brookville  
Mary Ellen Cox, Columbus  
Herndon Reginald Cummings,  
Columbus  
Michael David Dale, North East, Pa.  
Stuart Joel Dalkoff, Munster, Ind.  
Suzanne Davidson, Youngstown  
Mark Robert Davis, Worthington  
Gary Dennison Deckard, Newark  
Nancy Ellen de Zarn, Cincinnati  
Ted Howard Downie, Youngstown  
Ludolph James Dreckmeier,  
Columbus  
Robert Lee Ellis, Marysville  
Judith Anne Emerick, East Palestine  
Sue Ann Erdman,  
Buenos Aires, Argentina  
Wayne Gerald Erlandson, Columbus  
Donald James Feldkamp, Lorain

Gregory John Feltman, Toledo  
Mark William Finkel,  
New York, N. Y.  
David Ray Fleiner, Galion  
Peter Michael Florio, Columbus  
Mary Kay Friedrich, London  
Robert John Funk, Cranford, N. J.  
Stuart Irwin Garson, Pepper Pike  
Elizabeth Ann Gaston, Westerville  
Bonnie Schoonover Georgia,  
Columbus  
Carla Elaine Golder, Mansfield  
Janet Hayes Goldsmith,  
Trumbull, Conn.  
Thomas William Gomia, Middletown  
Philip Joel Gordon,  
Longmeadow, Mass.  
Robert Mark Gray, Columbus  
Ernst Karl Haynes, Columbus  
Darrell Lee Heckman, Columbus  
Mary Teresa Hennegan, Columbus  
Jeffrey Dean Hersey, Columbus  
Timothy Louis Hoffman, New Paris  
Sheila Pletz Hubbard, Columbus  
John Henry Hudson, Cincinnati  
Richard Eugene Jackson, Bryan  
Ursula Leonore Janofsky,  
Willoughby  
Jonathan Albert Jaynes, Lakewood  
Thomas Gilmour Jones, Akron  
James Francis Kalasky, Youngstown  
Sarah Sidebottom Kearns, Columbus  
Theodore Charles Keener, Columbus  
Alan Dale Kelchner, Trotwood  
Linda Marie Klapproth, Springfield  
Allan James Knick,  
Virginia Beach, Va.  
Margaret Deborah Kohler, Toledo  
Carl Chandis Kuhns, Delaware  
Raymond Michael Lamb, Columbus  
Carl Henry Lammers, Jr., Columbus  
Myran Elizabeth Lewis, Columbus  
George Clark Luther, Columbus  
Larry David Macintosh, Lorain  
Frederick Dave Macwhinney,  
Gahanna  
Daniel William Male, Parma  
Beatrice Ann Malone, Cleveland  
Joyce Lynn Manos, Dayton  
Judith Ann Crunelle Masterson,  
Columbus  
Stephen Howard Mayerhofer, Avon  
Robert James McDonough,  
Cuyahoga Falls  
Jack Simon Meizlish, Columbus  
William Joseph Metzger,  
Parma Heights  
Richard Stephen Milesky, Columbus  
Barry Alan Miller, Sandusky

Kenneth Alan Miller, Dayton  
Philip St. John Moore, III, Columbus  
Byron Leslie Mulby, South Euclid  
John Barricklow Mullin, Columbus  
General Grant Oliver, Newark  
Julia Lou Osborne, Columbus  
Roman Pankiw, Cleveland  
Terry Allen Perkins, Stryker  
Holbrook Fahnestock Plummer,  
Columbus  
James Thomas Ramer, Piqua  
Ronald Jay Rawlins, Lancaster  
Janice Raynor, South Salem, N. Y.  
Kenneth William Renker, Lorain  
Barbara Rosemary Ryan, Mansfield  
Tina Schwartz, Bayside, N. Y.  
†Elizabeth James Scott, Columbus  
Michael Angelo See, Chillicothe  
Kennedy Clare Sharrock, Bucyrus  
Elwin Scott Shaw, Bowling Green  
‡Frances Kay Shawhan,  
Mingo Junction  
Brooks John Sheehan, Houston, Tex.  
Mark Frederick Shell, Columbus  
Thomas Alan Shockey, Columbus  
Donald Eugene Showalter, Plain City  
Nestor Oleh Smal-Stocky, Columbus  
Annette Slany Smith, Cleveland  
Larry Eugene Smith, Middleburg  
Laura Ann Smith, Columbus  
Randall MacDonald Speer,  
Worthington  
Effie Jean Spillman, Columbus  
‡James Michael Sproule, Dayton  
Dale Lynn Stoeve, Cincinnati  
Larry Michael Stolle, Dayton  
Alan Wayne Stuckert,  
Pittsburgh, Pa.  
Charles Thomas Sullivan, Columbus  
Laszlo Louis Sziklay, Cleveland  
Kris Lee Ten Eyck, Delaware  
Gary Alan Thomas, Columbus  
Barbara Jane Tierney,  
Merrick, N. Y.  
Chris Bernard Uhlenbrock,  
Cincinnati  
James Nathaniel Upton,  
Sweetwater, Tenn.  
Michael Allan Vogel, Columbus  
Phillip Eston Walker, Columbus  
Gordon Lewis Wall, Columbus  
Marcia Dianne Warden, Columbus  
Orest John Wasyluk, Columbus  
Dawn Suzette Webb, Canton  
John Wesley Wheeler, Jr.,  
Uhrichsville

† Degree granted posthumously  
‡ Also Bachelor of Science in Education,  
College of Education  
‡ Also Master of Arts, Graduate School

Ronald Edward Wilms, Columbus  
 Jeffrey Lynn Wilson,  
 Las Vegas, Nev.  
 Byron Robert Winchell, Frankfort  
 Kay Elen Wise, Columbus  
 Donald Lee Wiseman, Columbus  
 Janette Marie Wright, Austin, Minn.  
 Dennis David Wysocki, Columbus  
 Richard Donald Yepsen, Columbus  
 Annette Lynn Zoll, Mansfield

#### **Bachelor of Science**

Sixteen candidates

Melvia Celestin Bowser, Columbus  
 John Fred Cassmer, Garfield Heights  
 Carolyn Margaret Close, Columbus  
 Robert Gerald Dodley, Columbus  
 Alan Miles Elias, Lexington, Ky.  
 George Zoltan Koranyi, Columbus  
 Richard James Martin,  
 West Jefferson  
 William Michael Masterson, Berea  
 Alicia Virene Risser, Grafton  
 Robert Charles Rowland, Columbus  
 James Steele Sheahan, Rocky River  
 James William Slaughenhoupt, Euclid  
 Beverly Grappo Smith, Columbus  
 John Robert Staup, Tipp City  
 Robert Paul Walton,  
 Cleveland Heights  
 Nancy Kay Wills, Columbus

#### **Bachelor of Arts in Journalism**

Twenty-four candidates

Bradley Clyde Alstadt, Roanoke, Va.  
 Roger Brian Barrett, Columbus  
 Michael Eddy Blimes, Columbus  
 Gail Christine Bryce, Barberton  
 Robert Browning Crow, Bay Village  
 Kathleen Dobnikar Curtis, Willowick  
 Kathleen Patricia Devaney, Hilliard  
 Timothy Alan Fought, Chillicothe  
 Allan David Franks, Columbus  
 Iris Irene Galan, Parma  
 Susan Mae Giller,  
 Los Altos Hills, Calif.  
 Stephen Matthew Glowacki,  
 Cleveland  
 Terry Arthur Hull, Circleville  
 Cynthia Friedman Johnson,  
 Greenfield  
 Arthur Granville Loeffler, Columbus  
 Kathryn Jane McClusky,  
 Yonkers, N. Y.

Patricia Ann McCullough, York, Pa.  
 Roy Carl Novello, Cleveland  
 Robert Kenneth Oster, Cleveland  
 Robert Michael Rowan, Columbus  
 Bonnie Gayle Schwartz, Cleveland  
 Karen Michele Silberman,  
 Southfield, Mich.  
 James Neilson Strock, Wooster  
 Patrick Hennessy Welsh, Lancaster

### **College of Administrative Science**

Dean: James R. McCoy

#### **Bachelor of Science in Business Administration**

One hundred and forty-five candidates

William Carl Ackerman,  
 Fredericksburg  
 John Stephen Adamescu, Mansfield  
 David Christian Allen, Worthington  
 Gail Lynn Altstaetter, Cairo  
 Douglas Keith Armbruster,  
 Conyngham, Pa.  
 Stephen Charles Arnholt,  
 Mt. Vernon  
 Jackie Lamarr Arthur,  
 South Charleston  
 Robert Joseph Aumann, Springfield  
 Leopold Anthony Avallone,  
 Lowville, N. Y.  
 B.S.E.E. (Rensselaer Polytechnic  
 Institute)  
 Garrett Siegler Barnett, Cleveland  
 Thomas Raymond Beatty,  
 Canal Winchester  
 Thomas Ely Bell, Columbus  
 Randy Lowe Bennett, Lafayette  
 Thomas Jay Black, Urbana  
 Gregory William Blaine, Toledo  
 Michael David Bleiweiss,  
 University Heights  
 Myron Paul Boetticher, Smithfield  
 Harry Peter Bourne, Lyndhurst  
 Larry Arthur Breinich, Mansfield  
 James Chandler Britton, Columbus  
 Bruce Alan Buckley, Cincinnati  
 Kevin James Burns, Cincinnati  
 Thomas Carvour, Lorain  
 Douglas Kenney Chapman,  
 Port Clinton  
 Martin Joseph Conry, Amherst  
 Richard Woodson Crum, Galloway  
 Charles Allen Curie, Cleveland  
 Roland George Dague, Jr., Lodi  
 Frederick Davis, Cleveland  
 Robert Joseph Deardurff, Newark  
 Jose Maria Delacruz, Waynesburg  
 Denny DeMatteis, North Canton  
 John Procter Dickey, Marietta  
 Gerald Edward Dill, Groveport  
 Thomas William Dockus, Akron  
 Thomas James Donley, Columbus  
 Menachem M. Dorn, Holon, Israel  
 Thomas Buchanan Drake, Columbus  
 John Cosmo Elsbree, Columbus  
 Gary William Erler, Columbus

Jeffrey Eric Essak, Toledo  
 Gregory Francis Fields,  
 North Olmsted  
 Edwin Allen Fleming, Amherst  
 Philip Edward Fletcher, Columbus  
 Linda Ruth Friedman, Chillicothe  
 Richard Paul Friedman,  
 Great Neck, N. Y.  
 Dennis Ray Fryman, Prospect  
 Robert Andrew Gammill, Columbus  
 Robert Francis Gates, Cleveland  
 Stuart Allen Gelb,  
 University Heights  
 Thomas Joseph Gray, Marion  
 Darryl Haas, Columbus  
 Gerald Allison Haas, Medina  
 John Edward Hajjar, Huntsburg  
 Allan William Harker,  
 Fairview Park  
 Charles Dudley Hawkins, Columbus  
 Robert Wilson Henderson, II,  
 Dundee, Ill.  
 Stephen Howard Hersch, Beachwood  
 Thomas Matthew Hobe,  
 Richmond Heights  
 David Frank Hovevar, South Euclid  
 Adonica Jeanne Hoffman,  
 Muskegon, Mich.  
 Laurence Micheal Holbert,  
 Warrington, Pa.  
 Benjamin Foster Honeyman,  
 Greenville  
 William Lawrence Hoy, Columbus  
 John Sylvester Hoying, Sidney  
 Charles Courtland Huber, Jr.,  
 Bourbonnais, Ill.  
 John Elton Hulme, Monroeville, Pa.  
 Stephan Arthur Huston, Mt. Gilead  
 John Elmer Hykes, Coshocton  
 Dennis Richard Joherl, Cleveland  
 Roger Ray Joseph, Cygnet  
 Robert Allen Judson, Worthington  
 John Geoffrey Kabealo, Columbus  
 Roger Alan Katz, South Euclid  
 Ronald Lee Ketchum, St. Marys  
 Jerome Davis Keyser, Hinsdale, Ill.  
 Karen Lou Klimaski, Youngstown  
 Thomas Loren Klug, Dayton  
 Richard Lee Kolesar, Columbus  
 Dennis Raymond Kuhn, Ironton  
 Joel Martin Landau, Beachwood  
 Kent Arne Willy Larsson,  
 Malmo, Sweden  
 Stanley Laybourne, Columbus  
 Daniel Kincade Leggett, Columbus  
 Kenneth John Lindsay, Jr.,  
 Cuyahoga Falls  
 Thomas Arthur Loeffler, Toledo

William Carl Lucas, Jr., Columbus  
 Andrew Dennis Luzi, Warren, Mich.  
 Richard Easton Lyle, Cincinnati  
 David Wayne Majors, Woodsfield  
 Bruce William Marks,  
 Shaker Heights  
 Edward John Maurer, Detroit, Mich.  
 Nicholas Dean Maxson, St. Paris  
 Thomas David McConnell,  
 Mingo Junction  
 Wayne Clayton McLaughlin,  
 Bellefontaine  
 Robert William Mens, Toledo  
 Robert Lynn Meyer, Rocky River  
 Daniel Kirwan Miller, Lima  
 Richard Gerald Milligan, Marion  
 Kenneth Taylor Misener, Niles, Ill.  
 Simon Benjamin Misrac, Skokie, Ill.  
 Richard Lee Montgomery,  
 Mt. Vernon  
 Robert Emerson Moody, Marion  
 Gary Michael Mooney, Columbus  
 George Allen Morales, Lakewood  
 Todd Robert Morris, Columbus  
 Leon K. Muler, Dayton  
 Daniel Nabonne, Ajaccio, France  
 Craig Olin Newman, Troy  
 Timothy Allen Oliver, Versailles  
 John Herman Olt, Dayton  
 Larry Wayland Ondick, Parma  
 Myron Wallace Osborn, III,  
 Bay City, Mich.  
 Gary Lloyd Parker, Scotrun, Pa.  
 Larry Ellis Penix, Canton  
 Charles Thomas Pohlbel, Lima  
 Dean Alan Pokrandt, Columbus  
 Richard Brooks Ramer, Piqua  
 Susan Marie Reiber, Vermilion  
 Thomas Davis Reynolds, Columbus  
 John F. Roche, Newark  
 Steven Elliot Rosenbaum,  
 Clifton, N. J.  
 James Joseph Schmidt, Akron  
 Gregory Joseph Schuler,  
 Trenton, N. J.  
 Donn McCoy Schumaker, Columbus  
 John Joseph Sherwood, Homeworth  
 Larry Leslie Simpson, Canton  
 Michael Spurlock, Dayton  
 Tony Joe Stevick, Lima  
 Daniel Joseph Tague, Columbus  
 Holly Thomas, Chattanooga, Tenn.  
 Charles Thomas Tull, Dayton  
 Charles Emerson Turvy, Dayton  
 Charles Donald Tyndall, Newark  
 Stanly Phillip Vanlandingham,  
 Cincinnati  
 Thomas Peter Warner, Akron  
 David Horace Watkins, Valdosta, Ga.

Miriam Kay Myers Weigler,  
 Loudonville  
 Thomas Lee Wernecke, Columbus  
 Nanci Nixon Whiteman, Mansfield  
 Patrick Joseph Williamson,  
 Columbus  
 Russell Wayne Wright, Forest  
 Douglas Earl Young, Loudonville  
 Abdulwahab Ahmad Zayani, Bahrein  
 Stephen Kalman Zywtowot,  
 West End, N. J.

## School of Social Work

### Bachelor of Science in Social Welfare

Eighteen candidates

Barbara Arrowsmith Agena,  
 Westerville  
 John Drake Ambrosino, Kettering  
 Oneta E. Bradford, Columbus  
 Donna Marie Burke, Cleveland  
 Christine Hall Carr, Toledo  
 Cheryl Lynn Denton, Westerville  
 Doreen Ann Helias,  
 North Brunswick, N. J.  
 George James Kostura,  
 Chagrin Falls  
 Donald Jeffery Latta, Columbus  
 Susan Louise Lowrie, North Olmsted  
 Deborah Louise Mudrak, Westerville  
 James David Oppermann, Bluffton  
 Mark Eugene Orf, Columbia, S. C.  
 Karen Ann Shigley, Marion  
 Cynthia Ann Smale, Delaware  
 Charlotte Juanita Stanford, Dayton  
 Alexandra Cycyn Terry,  
 East Liverpool  
 Mary Judith Porter Tolle,  
 Greensboro, N. C.

## College of Agriculture and Home Economics

Dean: Roy M. Kottman

### Bachelor of Science in Agriculture

Thirty-nine candidates

Roger Dale Alderman, Powell  
Thomas John Andrews, Beach City  
Bruce Martin Armstrong,  
New Carlisle  
Donald Anthony Bihl, Wheelersburg  
Henry Michael Biubaugh, Danville  
James Gregory Clark, Lima  
Robert Charles Duckworth, Jr.,  
Columbus  
John William Francis, Fremont  
Donald Edward Hair, Miami, Fla.  
Timothy Allen Harman, Uniontown  
James Michael Heilman,  
New Carlisle  
William Joseph Hoffman, Prospect  
Deborah Lynn Okerlund Houck,  
Johnstown  
Steven Albert Hunziker, Millersport  
Deryl Alan Johnston, Belbrook  
George Lynn Keep, Coshocton  
John Greene King, Fleming  
William Henry Klingler, Jr., Newark  
Alvin Addison Kolp, Fort Recovery  
Bruce Robert Lanich, Dayton  
Nancy Jane Lloyd, Youngstown  
John Conrad Miller, Columbus  
James Albert Mitchell, Springfield  
Richard Layne Myers, Alliance  
Jeffrey George Nameth, Youngstown  
Thomas Werner Richards,  
North Canton  
Robert Loren Roberts, Hilliard  
Mark Elliot Roseman,  
Rockaway Park, N. Y.  
Douglas Charles Sauer, Wapakoneta  
Timothy Harlan Schoonover,  
Worthington  
Gary Stephen Sweet, Endwell, N. Y.  
Steven Donn Thomson, Dayton  
James Witeman Trapp, Columbus  
Steven Douglas Ulrey, Cardington  
Reed Curtis Varian, Canton  
James Bentley Wayman, Jr.,  
Waynesville  
Mark Thomas Weaver, Dayton  
Barbara Victoria Wells, Findlay  
Roy C. Wittich, Glendale, N. Y.

### Bachelor of Science in Dairy Technology

One candidate

Donald Eugene Greenlee, Bridgeport

### School of Home Economics

#### Bachelor of Science in Home Economics

Forty-three candidates

Bonnie Sue Beck, Clifton  
Mary White Beittel, Columbus  
Sue Ellen Bell, Mt. Perry  
Connie Marnor Birnbaum, Cincinnati  
Patricia Ann Brown,  
Powhatan Point  
Mary Lou Burton, Marion  
Shirley Joan Cook, Attica  
Maureen Anne Dempsey, Columbus  
Vickie Knickel Dutt, Marion  
Dorrie Adams Emmons,  
Strongsville  
Barbara Carole Galbraith,  
Columbus  
Ruth Hartman Henney, Mansfield  
Carol Lynn Hoch, Prospect  
Edith Scott Hoffman, Columbus  
Linda Jane Hulsmeier, Kettlersville  
Joanne Louise Jolliff, Columbus  
Julie Lynn Kinser, Mayfield Heights  
Donna Ann Krehel, Seven Hills  
Kathryn Ann Lafferty, Columbus  
Nancy Eicher LeRoy, Fairfield  
Mary Jane Magill, Dayton  
Valerie May, Circleville  
Deborah Booth McKnight, Columbus  
Dorcas May Miller, Lexington  
Mary Margaret O'Brien, Fairborn  
Barbara Jean Ofrenzo, Columbus  
Kirsten Lindquist Ohle, Columbus  
Christine Workman Phillips,  
Canfield  
Vija Veldre Purs, Marion  
Kathleen Louise Rizer, Springfield  
Peggy Ann Rohde, North Olmsted  
Denise Christine Russo,  
Winchester, Mass.  
Miriam Rose Schreiber,  
Southampton, Pa.  
Martha Hart Sinkhorn, Kettering  
Diane Buckenmeyer Smith, Swanton  
Nancy Elliott Streng, Milford Center  
Claudia Cramer Tufano, Mansfield  
Tamara Ann Unverferth, Kalida  
Tamara Berthone Wegner,  
Westerville

Janet Elaine Wilkins, Worthington  
Linda Kay Wright, Newark  
Terry Ann Wynd, Worthington  
Catherine Bowden Yarman,  
Mt. Vernon

College of Dentistry

Dean: John R. Wilson

Doctor of Dental Surgery

Four candidates

- Robert Clark Ankerman, Wapakoneta
- Andrew Klenotic, Jr., West Richfield B.A.
- Michael George Marks, Middletown
- David Gene Miller, Zanesville

College of Education

Dean: Luvern L. Cunningham

Bachelor of Science in Education

Two hundred and ninety-four candidates

- Susan Marie Adornetto, Cleveland
- John William Alden, Columbus
- Catherine Jones Allen, Youngstown
- Stuart Lee Appelbaum, Cleveland
- John Lee Armstrong, Galloway
- Donald Lynn Arnold, Killbuck
- Ann Seabright Axner, Lakewood, B.A.
- Joan Hefflinger Baden, Gomer
- Donna Dockery Baker, Columbus
- Susan Kay Bean, London
- Leslie Marsha Bear, Harrisburg, Pa.
- Lois Jean Beer, Mansfield
- Marsha Lorraine Berg, Commack, N. Y.
- Robert Edward Berlin, Columbus
- Michael Eugene Berry, Columbus
- Allen Burton Binckley, Newark, B.A.
- Anthony Francis Biscuso, III, Columbus
- G. Brent Bishop, Columbus
- Judith Presser Blott, Cleveland Heights
- Susan Phame Bodle, Newark
- Frederick Wayne Bourgeois, Columbus
- Carolyn Veenoy Bradley, Blacklick
- Marsha Hughes Bradley, Columbus
- Bonnie Louise Bright, Dayton
- Wesley David Bromley, McKees Rocks, Pa.
- Marsha Brown, Miami, Fla.
- Monica Lee Buerkel, Coshocton
- John Robert Burchinal, Columbus
- Linda Herdman Burns, Worthington
- Sally Hart Bushong, Delaware
- Shirley Anne Calvelage, Delphos
- Christine Elaine Cardasis, Lorain
- Victoria Savko Carpenter, Columbus
- Robert Eugene Carroll, Columbus
- Linda Kay Cartwright, Springfield
- Ruth Jean Catlin, Westerville
- Ronald Wade Catron, Massillon
- Barbara Ann Chambers, Grove City
- James Mitchell Clemons, Columbus
- Elizabeth George Cole, Columbus
- Pamela Sue Conaghan, Lima
- Rosanne Keller Conley, Shelby
- Michael Craig Cooper, Columbus
- Melody Aline Cornett, Columbus
- Daniel Edward Cothran, Columbus
- David Samuel Cromer, Sandusky
- Anita Pauline Culver, Galena
- John Edward Cummings, Jr., Cincinnati

- Kathryn Lydia Danku, Mantua
- John Watson Davis, Columbus
- David Arthur Denner, Columbus
- Susan Lang Dickinson, Kettering
- Barbara Sweney Diebler, Bucyrus
- Glenn Lewis Diebler, Bucyrus
- Reed Kenneth Dils, Kettering, B.S. in Agr.
- Lindy Niermann Doles, West Milton
- Rosemary Stevenson Dorff, Westerville
- Michele Faith Dremmer, Mayfield Heights
- James Marshall Dresser, Fairview Park
- Judith Louise Eastman, Marion
- David Nicholas Eickholt, Delphos
- Mary Margaret Elkin, Mt. Gilead
- Robert Lewis Ellis, Mansfield
- Diane Langley Farahay, Galion
- Wendell Eugene Farley, Newark
- Charlotte Mills Farren, Columbus
- Daniel Thomas Fay, Galion
- Maureen Brightman Feinstein, Rochester, N. Y.
- Sherry Louise Feitz, Rocky River
- Judy Elaine Felman, Dayton
- Beverly Jean Ferrall, Marion
- Michael Jay Feyh, Columbus
- William Allen Finley, Columbus
- Linda Sue Fischer, Circleville
- Patricia Sue Fiste, Dayton
- Linda Kay Fleiner, Galion
- Connie Fletcher, Sylvania
- Absalom Thomas Forshey, Columbus
- Ariadna Roy Foureman, Columbus
- Carolyn Kathleen Frankel, Beachwood
- Andrew D. Franklin, Queens Village, N. Y.
- Janet Anne Franklin, Little Rock, Ark.
- Elizabeth Madre Frost, Columbus
- Jean Irene Fulton, Columbus
- Mary Louise Gasser, Logan
- Cheryl Ann Bayer Gavlus, Martinsburg, W. Va.
- Ellen Lynn Getelman, Mt. Vernon, N. Y.
- Patricia Mangan Gifford, North Olmsted
- Kim Terri Goulder, Cleveland
- Gail Ann Gracie, Malverne, N. Y.
- Sandra Elaine Green, Cleveland
- Barbara Rita Greenberg, Shaker Heights
- Keith Allan Groff, Columbus
- Ann Gertrude Grubbs, Los Angeles, Calif.

Karin Corrigan Hamilton, Marion  
 Karen Rae Hansen, Kettering  
 Constance Lee Harger,  
   Maple Heights  
 Carol O'Neal Hartley, Edison  
 Connie Sue Harvey, Wilmington  
 Teresa Flahive Heald, Delaware  
 John Gale Heck, Gahanna  
 William Robert Heckman, Lima  
 Ralph Michael Hedges, Solon  
 Deborah Lou Heil, St. Marys  
 Bernard John Hickey, Delphos  
 Nancy Jo Hildebrand, Cardington  
 William Hilton, Columbus  
 Jane Elizabeth Hodge, New Carlisle  
 Madeline Deighton Holt, London  
 Katherine Pound Hooge, Newark  
 Jacquelyn Kay Hornbeck,  
   South Vienna  
 Nancy Katherine Huntsman,  
   Columbus  
 Ellen Lynne Irwin, Youngstown  
 Sarah Alice Jackson, Marion  
 Ruth Elizabeth James, Marion  
 Michael Morris Janton, Columbus  
 John Paul Jarvis, Columbus  
 Dan Frederick Johnson, Columbus  
 Janet Cass Johnson, Mt. Gilead  
 Victoria Gatwood Johnson,  
   Columbus  
 William Burger Johnson, Columbus  
 Gary Eugene Jolliff, Marion  
 Gerald Craig Juniper, Newark  
 Richard Paul Kaplan,  
   Mayfield Heights  
 Judith Ann Kassouf, Lakewood  
 Cheryl Eileen Kaufman, Akron  
 Elizabeth Clark Kazee, Caledonia  
 Doranna Virginia Kelley, Columbus  
 Patricia English Kelting, Cleveland  
 Rosemary Ruffing Kennedy,  
   Columbus  
 Jonathan Richard Kerr,  
   Cleveland Heights  
 Barbara Gae Kesselring, Tallmadge  
 Kathleen Yvonne Kimmel,  
   New Brighton, Pa.  
 Linda Suzanne King, Dayton  
 Linda Silverthorne Kucalaba, Toledo  
 June Williams Kuhn, Bucyrus  
 Gwendolyn Lois Lane, Columbus  
 Suzette Elizabeth Latham, Newark  
 Shirley Hambel Layton, Columbus  
 Constance Jo Leedy, Gallipolis  
 Sally Hood Leslie, Columbus  
 Elizabeth H. Levy, Lorain  
 Linda B. Lewis, Dayton  
 Gail Marie Lingert, Cincinnati  
 Diane Marie Lipuma, Cleveland  
 Beatrice Livingston, Chicago, Ill.  
 Susan Bowen Luck, Columbus  
 Mary Frances Luckino, Columbus  
 Dana Marie Lutz, Columbus  
 Pamela Sue Lyons, Ironton  
 Gary Dennis Madden, Reynoldsburg  
 Alice Outland Maier, Huntsville  
 Valerie Gluck Markowitz, Cleveland  
 Richard David Martel, Cleveland  
 Ned Millington Maxwell, Columbus  
 Sharyl Davis McCall, Dayton  
 Karen Karstetter McCann,  
   Youngstown  
 Rebecca Lou McDowell,  
   Columbus Grove  
 Larry Dean McFadden, Bellefontaine  
 Molly Grove McKnight, Columbus,  
   B.A., M.B.A.  
 James Thomas McLoughlin,  
   Columbus  
 Judith Howard McMahon, Columbus  
 Sandra Kay McManus, Cambridge  
 Jean Dalzell McVicar, Mansfield  
 Bonna Lee Meagher, Newark  
 Bette Speziale Miller,  
   West Hartford, Conn.  
 Jane Sowecke Miller, Huron  
 Christine Kae Moening, Lima  
 Joseph Montgomery Moore, Tiffin  
 Karen Porter Morrison, Johnstown  
 Georgia Ann Mowery, Lima  
 Ann Troike Myers, Sandusky  
 Joan Lamoreaux Myers, Mt. Gilead  
 Carolyn Pennington Noble,  
   Plain City  
 John William Noe, Jr., Trotwood  
 Lois Katherine Noll,  
   North Ridgeville  
 Terrell Anne Northrup, Rocky River  
 Bonnie Ann Odgers, Columbus  
 Judith Stuchel O'Keefe, Columbus  
 Anne Fleming Orahoud, Prospect  
 Annette Marie O'Rourke, Columbus  
 Susan Edith Osborn, Bay City, Mich.  
 Geraldine Nan Paige, Columbus  
 Eddie Lewis Parks, Columbus  
 David Jon Partington, Newark  
 Marilyn Ann Perko, Euclid  
 Colette Redd Peterson, Mt. Sterling  
 Carole Ann Phillips, Columbus  
 Cathy Salt Popiel, Columbus  
 Tinka Solke Powell, Trotwood  
 Brenda McCoy Printy,  
   East Liverpool  
 Paula Blanche Pritchard, Hilliard  
 Janice Lynn Profant, Lorain  
 Robert Morgan Ransom, Columbus  
 Clarence Edward Reavling,  
   Columbus  
 Sarah Scott Reed, Mansfield  
 Paul Allen Resnik,  
   University Heights  
 Kathleen Frances Reynolds,  
   Columbus  
 Linda Jean Richard, Mansfield  
 Linda Baskind Rosenberg,  
   Chicago, Ill.  
 Susan Rosner, South Euclid  
 Donna Jean Rossi, Lima  
 Priscilla Cooke Routh, Columbus  
 Paula Jean Rubin, Beachwood  
 Michael Rusinko, Jr., Columbus  
 Lenora Louise Russell, Toledo  
 William Craig Rutledge,  
   Portland, Conn.  
 Daniel Cody Ryan, Columbus  
 Barbara Elizabeth Salvatore,  
   Columbus  
 Linda Kay Chamber, Mansfield  
 Marsha Lee Scheffler,  
   Eastchester, N. Y.  
 Heddy Margaret Schiff,  
   Englewood, N. J.  
 James Fenton Schmid, Columbus  
 Judith Loretta Schroeder,  
   Columbus Grove  
 Cathy Carol Scott, Columbus  
 Maxine Cunningham Scott,  
   Coshocton  
 Georgia Louise Seaton, Shelby  
 Linda Louise Seaton, Marion  
 Karen Anne Seifert, Mansfield  
 Elizabeth Ann Shaffer, Ashland  
 Sevie Rae Shar, Columbus  
 Nancy Eppley Shaw, Stockport  
 Robert Wayne Shaw, Lima  
 \*Frances Kay Shawhan,  
   Mingo Junction  
 Vivian Sue Shelist,  
   Miami Beach, Fla.  
 Diana Cochran Sheridan, Cincinnati  
 Marilyn Kay Sherman,  
   Cleveland Heights  
 \*George Weston Shoemaker,  
   Columbus  
 Barbara Rose Silver, Canton  
 Anne Cheryl Slane, Columbus  
 Frederick Lee Smith, Newark  
 Jessica Faye Smith,  
   Ypsilanti, Mich.  
 John David Smith, Lucasville  
 Pamela Edythe Smith, Cleveland  
 Susan Isabel Snider, Lakewood  
 Sharon Iris Solomon, Akron  
 Nancy Rose Spitzer, Cleveland  
 Deborah Latshaw Steller, Columbus

\* Also Bachelor of Arts, Colleges of the Arts  
 and Sciences

## College of Engineering

Dean: Harold A. Bolz

### Bachelor of Aeronautical and Astronautical Engineering

One candidate

'David Allan Randall, Dayton

### Bachelor of Science in Aeronautical and Astronautical Engineering

Eight candidates

Dennis Paul Beres, Hialeah, Fla.  
George David Carpenter, Lima  
Jon Michael Cerneck, Sandusky  
'Larry Alva Johnson, Okeana  
Hans Fritz Wilhelm Maertins, Shelby  
Stephen Donald Smith, Dublin  
Kirk Thomas Westervelt, Westerville  
Michael John Williamson, Lockport, N. Y.

### Bachelor of Science in Agricultural Engineering

Two candidates

Daniel John Blatter, Hebron  
Thomas Gram Brosey, New Carlisle

### Bachelor of Ceramic Engineering

Two candidates

'William Alan Poolos, Waverly  
'John Thomas Randall, Portsmouth

### Bachelor of Chemical Engineering

Six candidates

'Darryl Robert Conner, Beaver Falls, Pa.  
Michael Anthony Curran, Bellaire  
Joseph James Fair, New Philadelphia  
David Russell Miller, South Euclid  
James Francis Roff, Mandan, N. D.  
Roy Shaukai Yang, Kowloon, Hong Kong

\* Also Bachelor of Arts, Colleges of the Arts and Sciences  
' Also Master of Science, Graduate School

Robert Hawthorne Wood, Richmond, Va.  
Sylvia Templeton Workman, Newark  
Jane Audrey Yeager, Medina  
Donna Rae VanWinkle Young, Walhonding  
Patricia Sanders Young, Marion  
Gunther Bernhard Zahn, Mansfield  
Sandra Lee Zurmehly, Troy

### Bachelor of Art Education

Offered jointly by the  
College of The Arts and the  
College of Education

Nine candidates

Jan Richardson Arlinghaus, Galloway  
Jenna Lou Berg, Dalton  
Laura Elizabeth Chastain, Columbus  
Ellen Jane Flynn, Greenfield  
Kathleen Baloy Freund, Columbus  
Sherry Beth Lind, Chicago, Ill.  
Angela Howison Nicholson, Columbus  
Charleen Turpin Schifer, Columbus  
Gayle Funderburg Wyroba, Vandalia

### Bachelor of Music Education

Offered jointly by the  
College of The Arts and the  
College of Education

Five candidates

David Morris Arter, Upper Sandusky  
Charles Emery Cramer, Columbus  
Daphne Davisson Magnusson, Delaware  
Sue Burris Stutz, St. Marys  
Nancy Louise Vollmer, Castalia

Patricia Marras Steveley, Kettering  
Margaret Ollie Stewart, Marion  
Sandra Aileen Stienecker, St. Marys  
Marilyn Jean Stitz, Tallmadge  
Mary Evans Stockdale, Reynoldsburg  
Carol Lynn Stone, Columbus  
Sara Patricia Stubblefield, South Boston, Va.  
Betty Lee Stull, Mt. Vernon  
Barbara Lynn Surloff, Cleveland  
Linda Ann Swaney, Burton  
Joseph Robert Sweeney, Columbus  
Ronald Gene Swenberg, Canton  
Donald Russell Tefner, Tallmadge  
Peter Gustav Thielen, Cincinnati  
Karen Marie Thome, Elyria  
Fray Carolyn Thompson, Steelton, Pa.  
Raymond James Tindira, Cleveland  
Betty Lurene Toney, Columbus  
Arvo Wayne Toukonen, Jefferson, B.S.  
Susan Carol Tucker, Mayfield Heights  
Karen Talitha Vance, Mt. Sterling  
Kurt Vincent Varga, Columbus  
Debra Lynn Vinocur, Cleveland  
Eugene Allan Visnic, Columbus  
Erie Phyllis Selvaage Volz, Springfield  
Raymond Aubery Wable, Mansfield  
Mary Claire Wagner, Piqua  
Michael P. Walcoff, Groveport  
Robert John Walker, Jr., Columbus  
Mary Tiburzio Wallace, Newark  
Rebecca Sue Wallace, Galion  
Marc Steven Walter, South Euclid  
Ann Elizabeth Washburn, Marion  
Judith Allgower Watterson, Richwood  
Elena Colunga Wehby, Columbus  
Mary Hastings Weisheimer, South Charleston  
Mildred Manuel West, Columbus  
Gail Jones Wetterauer, Worthington  
James Eugene White, Columbus  
Marilyn Murphey White, Columbus  
Mary Katherine Whited, Lexington  
Robert Bruce Whytal, Chatham, N. J.  
Rose Ann Wickersham, Caledonia  
Nancy Kelley Wickert, Columbus  
Janet Follett Wirick, Lexington  
Karen Ann Wisotsky, Brooklyn, N. Y.  
Julia Ann Wohleber, Pittsburgh, Pa.  
Gerald Patrick Wolfe, II, Columbus  
'Kate Pratt Wonacott, North Canton

**Bachelor of Science in  
Chemical Engineering**

Six candidates

Richard Lewis Baker, Freeport  
Thomas Joseph Jere, Lorain  
Karen Louise Lafferty, Shelby  
Thomas Lombardo, Columbus  
William Edwin Pritchard, Circleville  
Francois Song, Wilkes-Barre, Pa.

**Bachelor of Civil Engineering**

One candidate

Richard Harry French, Chillicothe

**Bachelor of Science in Civil Engineering**

Ten candidates

Joseph Charles Boocher, Tipp City  
Paul Reuben Chilton, Columbus  
Larry Lee Cole, Columbus  
Robert Lee Eaton, Columbus  
James Middleton Head, Westerville  
Bruce Alan Henz, Parma Heights  
Anthony Craig Hurlless,  
Donelson, Tenn.  
William Henry Lutz, Nankin  
Richard David Paddock, Galloway  
Jerry Allen Reiniger, Columbus

**Bachelor of Science in  
Computer and Information Science**

Twelve candidates

Douglas Gordon Arnold,  
Rochester, Mich.  
Joseph Steven Francosky, Painesville  
Ben Howard Franz, Columbus  
Mark Harris Gross, Little Neck, N. Y.  
Stephen Russell Hall, Dayton  
Vincent Paul Kazmer, Waukegan, Ill.  
Herbert Edwin Marine, Galion  
Terrance Robert Moore, Wooster  
John Lee Morrow, Wellston  
Mark Timothy Neibert,  
Berkeley Heights, N. J.  
Kenneth Leslie Okeson,  
Cherry Hill, N. J.  
William Dale Van Schoyck, Jr.,  
St. Marys

**Electrical Engineer**

One candidate

Norman John Leck, Columbus  
B.S.E.E. (University of Toledo)

**Bachelor of Electrical Engineering**

Two candidates

\*John Mathew Barton, Waynesfield  
\*Barbara Ann Olszewski,  
North Royalton

**Industrial Engineer**

One candidate

Terry Dale Oates, Chagrin Falls  
B.S.I.E.

**Bachelor of Industrial Engineering**

Two candidates

\*Ralph Daniel Au, Lucas  
Michael George Hartman, Reading

**Bachelor of Science in  
Industrial Engineering**

Six candidates

Robert Baxter Belz, Berea  
Steven Samuel Cohn, Shaker Heights  
Jerald Lynn Duff, Willshire  
William Roy Griffith, Hebron  
Stephen Russell Hall, Dayton  
Brett Alan Thompson, Coshocton

**Bachelor of Mechanical Engineering**

Four candidates

William Randall Edwards,  
Worthington  
\*Radford Vincent Ewing, Tiffin  
Donald Booth Sims, Jr., Marietta  
James Lee Vance, Londonderry

**Bachelor of Science in  
Mechanical Engineering**

Eight candidates

Michael Lynn Anderson, Bluffton  
Phillip Bruce Bohl, Wooster  
Dennis John Clark, Lima  
Clark E. Llewellyn, Marietta  
Daniel Robert Otto, Uhrichsville  
Thomas Edward Patterson, Waverly  
Michael Sau Mun Seto,  
Honolulu, Hawaii  
Thomas Larry Swain, Columbus

**Bachelor of Metallurgical Engineering**

Two candidates

Carl Joseph Cron, Albuquerque, N. M.  
David Richard Fredericks,  
Worthington

**Bachelor of Science in  
Engineering Physics**

Three candidates

Stanley David Frey, Carrollton  
Larry Melvin Lowry, Plain City  
Lawrence Phillip Williams, Columbus

**Bachelor of Welding Engineering**

Four candidates

Charles Thomas Daft, Bryan  
Dorwin James Etzler, Van Wert  
Walter Richard Gockel, Chagrin Falls  
Glenn Lawrence Mara, Columbus

**School of Architecture**

**Bachelor of Science in Architecture**

One candidate

Marc Fredrick Kern, Southfield, Mich.

\* Also Master of Science, Graduate School  
1 Also Bachelor of Science in Industrial  
Engineering, College of Engineering  
2 Also Bachelor of Science in Computer and  
Information Science, College of Engineering



College of Medicine

Dean: John A. Prior, M.D.

Doctor of Medicine

Two candidates

John Jerome Hochwalt, Kettering  
B.S. (University of Dayton)

Roger Lee Smoke, Alliance  
B.S. (Mount Union College)

School of Allied  
Medical Professions

Bachelor of Science in  
Medical Illustration

One candidate

Rosalind Adele Hagerman, Kettering

Bachelor of Science in  
Medical Technology

Four candidates

Shirley Ann Coxson, Warren  
Ferdeana Mae Kuba, West Mansfield  
Kathleen Jean Lewis, Columbus  
Leah Littmann, Cleveland

Bachelor of Science  
in Occupational Therapy

Twenty candidates

Theodore William Becker, Jr.,  
Buena Park, Calif.  
Ellen Goldhamer Cohn,  
Shaker Heights  
Linda Kay Dean, Brice  
Debra Jean Ewers, Louisville  
Jeanne Marie Hefren, Parma  
Patricia Taylor Helman, Warsaw  
Cheryl Sharp Hoar, Millersport  
May Bradley Jackson,  
Bridgeport, W. Va.  
Linda Custis Land, Sabina  
Barbara Jean Langewisch, Warren  
Gail Elaine Lash, Bridgeport  
Patricia Marie Martin, Defiance  
Susan Overstreet Michelman,  
Cleveland  
Janet Jean Nagler,  
East Meadow, N. Y.  
Mercie Dunfee Normand,  
Westfield, N. J.  
Constance Joyce Porter, Salem  
Elaine Carol Smith, Kinsman

Janice Lee Stine, Cincinnati  
Mary Garvin Stover, Columbus  
Karen Elaine Winter, Alexandria, Va.

Bachelor of Science in Physical Therapy

One candidate

Patricia Wolfert Custer, Parma

Certificate of Post Baccalaureate  
Medical Technologist

Two candidates

James Louis Favret, Jr., Columbus  
B.S. (Ohio Dominican College)  
Martha Ann Walz, Mt. Vernon  
B.A. (Miami University)

Certificate of Nurse Anesthetist

Three candidates

Lois Shepler Gander, Newark  
Charlene Joyce Mason, Marengo  
Patricia Crossley Staley, Lima

Certificate of Post Baccalaureate  
Physical Therapist

Twelve candidates

Louise Loynachan Amrine, Cleveland  
B.S.  
Donna Marie Archer, Masury  
A.B. (Youngstown State  
University)  
Kathleen Ellen Bloomberg, Struthers  
B.A. (Miami University)  
Merlene May Cross, Bedford  
B.S.  
Patricia Louise James, Canton  
B.S. (Bowling Green State  
University)  
Robert Michael Kantner, Toledo  
B.A. (University of Toledo)  
Richard Duane Null, Gallipolis  
B.S. (Rio Grande College)  
Carla Witaker Penebaker, Carroll  
B.S. (Ohio University)

Janice Garvey Peters, Columbus  
B.S. (Ohio University)  
Clyde J. Stretch, East Lansing, Mich.  
B.S., M.A. (Michigan State  
University)  
Sharon Lee Sturgeon,  
Point Pleasant, W. Va.  
B.S. (Marshall University)  
David Stewart White, Springvale, Me.  
B.A. (Nasson College)

School of Nursing

Bachelor of Science in Nursing

Sixteen candidates

Pamela Lee Bean, Westerville  
Janis Kay Boughton, Mansfield  
Mary Ann Boyd, Canton  
Beverly Jo Brown, Millersburg  
Barbara Jane Ellis, Dayton  
Janet Kay Fender, Columbus  
Kathleen Sue George, Parma  
Carol Lee Kimbrough,  
Sacramento, Calif.  
Virginia Mae Larsen, Cleveland  
Diane Louise Magyary, Akron  
Catherine Reis Mitchell, Columbus  
Mary Stephens Munzinger, Columbus  
Mary Alice Schumm, Convoy  
Anne Latham Scott, Columbus  
Donna Lee Simmonds, Brook Park  
Sister Sylvia Strahler, Suffield

## Graduates with Honors

### Summa Cum Laude

Joan Hefflinger Baden, Comer  
Dennis Paul Beres, Hialeah, Fla.  
Gregory William Blaine, Toledo  
William Randall Edwards,  
Worthington  
Radford Vincent Ewing, Tiffin  
Diane Langley Farahay, Galion  
Janet Kay Fender, Columbus  
Richard Harry French, Chillicothe  
Kathleen Sue George, Parma  
Janet Hayes Goldsmith,  
Trumbull, Conn.  
William Roy Griffith, Hebron  
Anne Quinn Hale, Worthington  
Carolyn Jane Hartley, Alexandria, Va.  
Michael George Hartman, Reading  
William Lawrence Hoy, Columbus  
Charles Courtland Huber, Jr.,  
Bourbonnais, Ill.  
May Bradley Jackson,  
Bridgeport, W. Va.  
Barbara Gae Kesselring, Tallmadge  
Diane Louise Magyary, Akron  
John Lee Morrow, Wellston  
Barbara Jean Ofrenzo, Columbus  
Kirsten Linguist Ohle, Columbus  
Cathy Salt Popiel, Columbus  
David Elvin Regula, Columbus  
Maxine Cunningham Scott, Coshocton  
Anne Cheryl Slane, Columbus  
Sara Patricia Stubblefield,  
South Boston, Va.

### Cum Laude

Leopold Anthony Avallone,  
Lowville, N. Y.  
Judith Presser Blott,  
Cleveland Heights  
Thomas Whiteford Boeker, Toledo  
Thomas Gram Brosey, New Carlisle  
Charles Edward Carter, St. Paris  
Shirley Anne Calvelage, Delphos  
Douglas Kenney Chapman,  
Port Clinton  
David Richard Fredericks,  
Worthington  
Luther Gregory Harrington, Columbus  
Carol Josephine Hoying, Dayton  
Cynthia Friedman Johnson, Greenfield  
Larry Alva Johnson, Okeana  
Helene Sharon Kasavan, Dayton  
Carol Lee Kimbrough,  
Sacramento, Calif.

Linda Suzanne King, Dayton  
Arthur Granville Loeffler, Columbus  
Deborah Deen Madden, Fairview Park  
Glenn Lawrence Mara, Columbus  
Bruce William Marks, Shaker Heights  
Jack Simon Meizlish, Columbus  
Bette Speciale Miller,  
West Hartford, Conn.  
Paul Alan Miller, Westerville  
Stephen Douglas Miller, Kettering  
Georgia Ann Mowery, Lima  
Mercie Dunfee Normand,  
Westfield, N. J.  
Barbara Ann Olszewski,  
North Royalton  
Myron Wallace Osborn, III,  
Bay City, Mich.  
William Alan Poolos, Waverly  
David Allan Randall, Dayton  
John Thomas Randall, Portsmouth  
Eileen Lucile Roberts, Columbus  
Frances Kay Shawhan,  
Mingo Junction  
Ronald Karam Sheban, Youngstown  
Stephen Donald Smith, Dublin  
James Michael Sproule, Dayton  
Dale Lynn Stoeve, Cincinnati  
Mary Garvin Stover, Columbus  
Susan Miller VanAusdal, Columbus  
Tamara Berthone Wegner, Westerville  
Lawrence Phillip Williams, Columbus  
Kate Pratt Wonacott, Columbus  
Sylvia Templeton Workman, Newark  
Jane Audrey Yeager, Medina  
Douglas Earl Young, Loudonville  
Patricia Sanders Young, Marion

### With Distinction in Agricultural Economics

Nancy Jane Lloyd, Youngstown

### With Distinction in English

Joanne Stephanie Phillips  
Paul Christian Pyle

### With Distinction in Natural Resources

Thomas Werner Richards,  
North Canton

### With Distinction in Speech

Gary Dennison Deckard

### Cum Laude and with Distinction in Accounting

Thomas Loren Klug

### Cum Laude and with Distinction in Latin and Ancient History

Roberta Bender Elliott, Oxon Hill, Md.

### Cum Laude and with Distinction in Journalism

Julia Lou Osborne, Columbus

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND SIXTY-EIGHTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, July 30, 1971

Pursuant to Article I, Section 2, of the By-Laws of the Board of Trustees of The Ohio State University, the Board met upon the call of the Chairman, James W. Shocknessy, in a special meeting on Friday, July 30, 1971, at 3:00 p. m.

Present: James W. Shocknessy, Chairman, Don M. Hilliker, William C. Safford, John H. Dunlap, Frederick R. Eckley, Robert S. Dorsey, John L. Gushman, and Howard D. Sirak.

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REPORT BY CHAIRMAN

A. Report on Consultative Committee to Advise  
in the Selection of a President

Mr. Shocknessy reported that the Consultative Committee to Advise in the Selection of a President met on July 15, 1971, and adopted criteria to be used in the search for a President as well as the nomination forms. Mr. John G. Ketterer, Chairman of the Committee, subsequently held a press conference on July 22, 1971, in which these criteria and the nominating procedure were announced to the public.

B. Speakers

In line with the policy established at the June meeting in regard to speakers appearing before the Board, Mr. Shocknessy said that no requests had been made to appear before this meeting of the Board.

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President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Provisional University Budget for Fiscal Year 1971-1972

President Fawcett made the following comments pertaining to the budget for fiscal year 1971-1972:

As I indicated at the last meeting of this Board on July 2, I had hoped at that time to present the University's budget for 1971-1972 for your consideration. Because the General Assembly had not acted upon our appropriation, however, I recommended that the Board defer budget action at that time and schedule a special meeting today for such action. You will recall that this date was selected because it was the very latest date possible for such action before we must meet our July payroll and start our Autumn Quarter registration process. This registration process must be preceded by any necessary fee adjustment which, in turn, is directly related to the University's budget.

Therefore, since it is not possible for the University to defer the many decisions that directly relate to the budget, I am proposing the adoption by this Board of a provisional University budget based upon my estimate of the minimal University needs for the coming year.

In developing this budget we were fully mindful of the specific appropriation levels currently being discussed by the General Assembly as well as what, in our judgment, is the most probable level of fee increase necessary to balance a continuation budget which, of course, will not provide funding for new programs.

I. GENERAL RECOMMENDATIONS (continued)

A. Provisional University Budget for Fiscal Year 1971-1972 (continued)

President Fawcett's statement (continued)

The budget as presented, totaling \$253,966,213, is in my judgment, an austere one and represents but a 5.5% or \$13,388,779 increase over last year to meet mandated and other salary costs, the continuing inflationary pressures, and the additional costs resulting from the stabilization of enrollments with the greater numbers in higher-cost, upper division, graduate, and professional programs. Specifically, total enrollment will remain approximately the same at 46,000, but there will be about 900 fewer freshmen and 300 fewer sophomores, with a corresponding increase in the upper and more costly levels of instruction.

Our budget request level submitted last fall did not anticipate student fee increases. However, the present level of support under consideration by the legislature is approximately 19% under our request and mandates fee increases which were also recommended by the Ohio Board of Regents and the Governor. House Bill 475 legislates minimum graduate and professional fees for 1971-1972 of \$400 per quarter for graduate students and \$500 for medical students and a further increase of \$100 for each of these categories the second year of the biennium. I have consistently opposed any substantial fee increase, and have so testified before the legislature. At this stage I can only hope that these levels presently suggested as minimums will be changed to maximums so that we will be permitted to implement the compromise level of \$300 for the graduate and professional categories. The anticipated level of funding by the State as well as the action to date by the legislature both suggest that fee increases are required. The undergraduate Instructional Fee is to be raised to a level of \$200 per quarter (an increase of \$30) and the graduate and professional Instructional Fee raised to \$260 per quarter, effective Autumn Quarter, 1971. I am proposing that the General Fee which applies to all student categories remain at \$40 per quarter. In combining these two fees this means that I am requesting the establishment of an undergraduate resident fee level of \$240 per quarter and, similarly, a graduate and professional fee level of \$300 per quarter.

Correspondingly, the instructional and general budgets increase but 5.6% or \$6.4 million. The major component of \$5.4 million is allocated for personnel services amounting to a 6.5% increase for classified personnel as mandated by State law and a 4.1% average faculty salary increase. The increase for classified personnel does not provide for additional increases presently being considered in the General Assembly. However, it is assumed that this University will be provided with resources to accommodate additional increases mandated by the General Assembly.

July 30, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Provisional University Budget for Fiscal Year 1971-1972 (continued)

This provisional budget is a sound though minimal one. It attempts to make the best estimate of some currently undefined factors and yet allows us to continue quality education. It is also intended to be fully mindful of costs to students and their parents as we attempt to meet the rapidly increasing costs of living for our valued faculty and staff members. It has also some built-in safety to protect against modest modifications downward in our appropriation but obviously not without severe implications to our educational programs.

And finally, I should like to point out that we believe that through the preparation of program budgets which are responsive to planning and missions, we can continue to best develop quality education and at the same time assure the highest quality educational program for the dollar expended.

President Fawcett proposed that the Board adopt a provisional University budget for the fiscal year 1971-1972 which will support the following expenditures listed by major category:

Budget for the 1971-72 Fiscal Year

	Estimated 1970-71	Budgeted 1971-72
General Budgets		
Personnel Services	\$ 88,837,028	\$ 94,303,748
Operating and Equipment	19,708,245	19,962,396
All Other	7,713,248	8,453,369
Total	<u>\$116,258,521</u>	<u>\$122,719,513</u>
Regional Campuses	<u>\$ 4,485,913</u>	<u>\$ 4,621,000</u>
Restricted Budgets/Expenditures		
Endowments	\$ 1,115,000	\$ 1,115,000
Federal Grants/Contracts	16,391,000	16,885,000
Ohio Grants/Contracts	1,725,000	1,900,000
Private Gifts/Grants	3,800,000	3,800,000
Research Foundation	17,000,000	16,500,000
Other	2,616,000	2,721,700
Total	<u>\$ 42,647,000</u>	<u>\$ 42,921,700</u>

July 30, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Provisional University Budget for Fiscal Year 1971-1972 (continued)

	<u>Estimated 1970-71</u>	<u>Budgeted 1971-72</u>
Rotary and Auxiliary Budgets		
Cooperative Extension	\$ 10,066,000	\$ 10,650,000
University Hospitals	35,800,000	39,530,000
University Dormitories	14,357,000	15,185,000
Intercollegiate Athletics	3,650,000	4,040,000
Departmental Earnings	4,250,000	4,858,000
University Services	2,100,000	2,200,000
All Other	6,963,000	7,241,000
Total	<u>\$ 77,186,000</u>	<u>\$ 83,704,000</u>
Grand Total	<u>\$240,577,434</u>	<u>\$253,966,213</u>

The University Treasurer projects that these expenditures can be supported by the following sources of income:

Sources of Income for 1971-72 Budget

Main Campus	
State Subsidy - House Bill 477	\$ 67,382,000
Less: Regional Campuses - R. C. C.	294,200
Subtotal <sup>(a)</sup>	<u>\$ 67,087,800</u>
Student Fees - Proposed	43,570,000
Other Unrestricted Income	15,395,032
Beginning Balance	1,115,750
Carry Forward to 1972-73	<u>(4,449,069)</u>
	\$122,719,513
Regional Campuses - All Sources	4,621,000
Departmental Earnings	4,858,000
University Services	2,200,000
Auxiliary Operations	76,646,000
Restricted Funds	<u>42,921,700</u>
	<u>\$253,966,213</u>

- (a) Represents Ohio Board of Regents recommended subsidy level as presented to the Ohio Senate Finance Committee less \$294,200 reallocated to Regional Campuses for upper division credit course work taught on these Campuses.

It was recommended that the provisional budget as shown above be approved, subject to expenditure adjustments based upon modification in income. It was recommended further that detailed estimated resources and expenditures including the "Salary Roll" for the 1971-72 fiscal year be approved and incorporated by reference as well as for the fiscal years 1967 through 1971.

July 30, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Provisional University Budget for Fiscal Year 1971-1972 (continued)

And finally, it was recommended that upon passage of the University's State appropriation that the University budget be submitted to the Board for ratification.

Upon motion of Mr. Safford, seconded by Mr. Eckley, the Board of Trustees approved the foregoing recommendations by unanimous roll call vote.

B. Increase in the Instructional Fee

In support of the provisional budget of this University for fiscal year 1971-1972, revisions in the fee schedule will be required. A revised schedule is shown on the next page.

President Fawcett recommended that the attached fee schedule be adopted effective with the Autumn Quarter, 1971, subject to any modification which may be enacted by the 109th General Assembly and ratification by the Ohio Board of Regents.

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing schedule of fees by unanimous roll call vote.

C. Residence Halls Room and Board Rates

The subsequent recommendations reference the action taken by this Board on June 11, 1970. The University desires to provide the advantages of an educational and living experience through the operation of residence halls and the payment of the costs thereof in conformity with the Bond Resolution adopted by this Board on April 8, 1957.

The cost of operating residence halls continues to rise. The 109th General Assembly will shortly mandate wage and salary increases for staff members in classified jobs within the residence halls and the food service. Because of the increased cost of personnel and increases in the cost of food, materials, supplies, utilities and contract services, it is necessary to adjust the residence halls rates. Also, in the interest of improved living conditions, it is anticipated that the occupancy of certain residence halls will be reduced.

Accordingly, on the basis of studies made by Vice President Carson, President Fawcett recommended that the schedule of rates for all residence halls included in the Bond Resolution referred to above and including such Housing Commission facilities as are used for residence halls, be made effective Autumn Quarter, 1971. The schedule of rates is as follows:



Schedule of Student Fees, Effective Autumn Quarter, 1971

College or School	Instructional	General	Resident	Out-of-State	Non-
			Total	Tuition	Total
Administrative Science	\$200	\$40	\$240	\$350	\$590
Agriculture and					
Home Economics	200	40	240	350	590
Arts and Sciences					
The Arts	200	40	240	350	590
Biological Sciences	200	40	240	350	590
Humanities	200	40	240	350	590
Mathematics and					
Physical Sciences	200	40	240	350	590
Social and Behavioral					
Sciences	200	40	240	350	590
Education	200	40	240	350	590
Engineering	200	40	240	350	590
Graduate School	260	40	300	350	650
Dentistry	260	40	300	350	650
Dental Hygiene	200	40	240	350	590
Law	260	40	300	350	650
Medicine*	260	40	300	350	650
School of Allied Medical					
Professions	200	40	240	350	590
School of Nursing	200	40	240	350	590
Optometry	260	40	300	350	650
Pharmacy	200	40	240	350	590
Veterinary Medicine	260	40	300	350	650
University College	200	40	240	350	590
University Regional					
Campuses	190	25	215	350	565

Part-time students (those enrolled for six or less credit hours), shall be assessed one-half of the full fees. When fees are not evenly divisible, they shall be assessed to the next even dollar amount.

\*With the change in the curriculum of the College of Medicine, effective July 1, 1970, all students enrolled in the Doctor of Medicine degree program will now pay fees in two installments, June 15 and December 15. The annual rate for such students for the 1971-72 academic year shall be \$1,200 for resident students and \$2,600 for non-resident students. This revised rate will be effective with the December, 1971, payment.

July 30, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Residence Halls Room and Board Rates (continued)

	<u>Recommended Rates</u>	<u>Present Rates</u>
General Dormitories	\$412 per quarter	\$365 per quarter
Stadium Scholarship Dormitory	195 per quarter	165 per quarter
Jones Graduate Tower		
Single Room	195 per quarter	195 per quarter
Double Room (each occupant)	165 per quarter	165 per quarter
Buckeye Village		
One Bedroom Units	87 per month	87 per month
Two Bedroom Units	110 per month	110 per month

It was recommended further that the University administration be authorized to establish the official rates for such residences as Lane Manor and Neilwood Gables in general conformity with the schedule of rates as established in the foregoing.

Upon motion of Mr. Eckley, seconded by Mr. Hilliker, the above recommendations were approved by unanimous roll call vote.

D. Continuation of Realignment of Central Administrative Structure

President Fawcett made the following statement on the continuation of the realignment of central administrative structure:

Our academic and operating experiences during this past year have validated the central administrative structure realignment made a year ago and have also demonstrated a need to continue with administrative change consistent with our functional approach to University organization. Through a further functional realignment which is responsive to the needs of and talents within the University, I desire now to achieve a necessary flexibility in the Office of the President, to emphasize and reenforce the University-wide planning, monitoring, and evaluating functions, and to formalize operating committees for budgeting, missions, and planning.

Therefore, I propose to establish, effective September 1, 1971, the Office of Executive Vice President as well as new Offices of Finance and Treasurer, Personnel Services, and Planning, along with the existing Offices of University Budgets and Administrative Research and Systems under Executive Directorships. Such University-wide planning, monitoring, and evaluating offices operating within the proposed committee structure and coordinated by the two deputy Vice Presidents (Academic and Operating), the Executive Vice President, and the President will, I believe, provide immediate maximum input for analysis and decision-making while shortening time for reaction and

July 30, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Continuation of Realignment of Central Administrative Structure (continued)

President Fawcett's statement (continued)

implementation. Furthermore, these proposed principles of organization are within the spirit of and compatible with the Warren King Management Study.

The two new major University-wide committees, one for missions, chaired by the Provost and Vice President for Academic Affairs, and one for planning, chaired by the Vice President for Administrative Operations, along with the existing budget committee, chaired by the President, will function as policy-planning committees. The Office of the Vice President for Business and Finance, to be vacated by Mr. Gordon B. Carson, effective September 1, 1971, will be established in separate areas with the operating functions of Business Management, Physical Facilities, and University housing grouped under the Vice President for Administrative Operations and the areas of Finance and Treasurer and Personnel Services established as Executive Directorships.

President Fawcett recommended that the proposed organizational structure be approved and implemented according to the proposed chart of organization as shown on the following page.

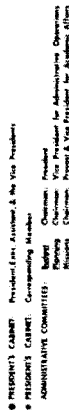
Within this structure, I propose the following specific alignments in function:

1. The area of Finance and Treasurer be established as a newly created position of Executive Director of Finance and Treasurer, including the Offices of Accounting, Auditing, Bursar, Contracts, Controller, Insurance, Investments, Payroll, Property Acquisition, and Travel.
2. The University Architect be assigned to the Office of University Planning.
3. The University Discipline Officer be assigned to the Office of Public Safety with appeals to the Executive Vice President.
4. The area of Personnel Services be established as the position of Executive Director of Personnel Services.
5. That the Research Foundation report through the Office of University Development.

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    A[UNIVERSITY ORGANIZATION] --> B[PRESIDENT]
    B --> C[FACULTY ADVISORY COMMITTEE]
    B --> D[SECRETARY]
    C --> E[BOARD OF TRUSTEES]
    D --> E

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July 30, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Continuation of Realignment of Central Administrative Structure (continued)

6. The Mershon Auditorium be assigned to the College of the Arts.
7. The area of Admissions and Records be established as an operating unit under a Director of Admissions and Records, within the Office of the Vice President for Administrative Operations.
8. The area of Traffic and Parking be assigned to the Assistant Vice President for Business Management.
9. The Ohio Union and Drake Union (under construction) report to the Vice President for Student Affairs.
10. The Assistant Vice President for Business Management report to the Vice President for Administrative Operations and encompass the following operations and auxiliary enterprises: Printing Facilities, Bookstores, Purchasing, Receiving, Office Equipment Repair, Property Management, Stores, Inventory, Food Facility, Laundry, Mailroom, Transportation, and Traffic and Parking.
11. The area of Physical Plant, including Construction and Maintenance, be assigned as the Assistant Vice President for Physical Facilities, reporting to the Vice President for Administrative Operations.
12. The area of University Housing be assigned as Assistant Vice President for University Housing, reporting to Vice President for Administrative Operations.
13. The Administrative Systems Computer Center, under a Director, be assigned to the Vice President for Administrative Operations.
14. The Office of the Executive Vice President be established.

And finally, to implement the structure, I propose the following personnel assignments:

1. Edward Q. Moulton as Executive Vice President.
2. Bernard J. Lachner as Vice President for Administrative Operations.

July 30, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Continuation of Realignment of Central Administrative Structure (continued)

3. Ernest W. Leggett as Executive Director of Finance and Treasurer.
4. Madison H. Scott as Executive Director of Personnel Services.
5. Richard H. Zimmerman as Executive Director of University Planning.

The following three personnel assignments which have been approved at previous meetings are noted at this time since they will now report within the area of Administrative Operations:

6. Joseph F. Medley as Assistant Vice President for Business Management.
7. Thomas B. Smith as Assistant Vice President for Physical Facilities.
8. John P. Nelson as Assistant Vice President for University Housing.

Upon favorable action on these recommendations and the commensurate authorization to make the necessary revisions in the Statutes, By-Laws, and Rules, I will proceed to implement the necessary actions as rapidly as possible to achieve this administrative structure.

Upon motion of Mr. Gushman, seconded by Mr. Hilliker, the Board of Trustees approved the above recommendation by unanimous roll call vote.

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II. PERSONNEL CHANGES

A. Department Chairmen Designations

Appointment of the following persons to four-year terms as Department Chairmen, effective July 1, 1971 through June 30, 1975:

Agricultural Economics and Rural Sociology	David H. Boyne
Civil Engineering	Russel C. Jones
East Asian Languages	Tien-Yi Li
Geography	Edward J. Taaffe
Linguistics	Michael L. Geis
Ophthalmology	Torrence A. Makley, Jr.
Otolaryngology	William H. Saunders

July 30, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Department Chairmen Designations (continued)

Pathology	Jack C. Geer
Physical Medicine	Ernest W. Johnson
Plant Pathology	Ira W. Deep
Radiology	Sidney Nelson
Theatre	John A. Walker*

Appointment of the following persons to four-year terms as Department Chairmen, effective October 1, 1971 through September 30, 1975:

Anthropology	Thomas R. Williams
History	Harry L. Coles
Mathematics	Arnold E. Ross
Physics	E. Leonard Jossem
Sociology	Edward C. McDonagh*

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\*Appointment previously approved.

Appointment of the following persons as Acting Chairmen:

Art Education	Arthur D. Efland
English	John B. Gabel
Food Science and Nutrition	T. Kristoffersen
Romance Languages	David A. Griffin

President Fawcett recommended that the foregoing appointments of Department Chairmen and Promotions in Rank as recorded in the official "Salary Roll" of the University for 1971-72, as well as the previous fiscal years 1967 through 1971 be approved.

The Board of Trustees approved the appointments of Chairmen of Departments and Promotions in Rank as recorded in the official "Salary Roll" of the University for 1971-72, as well as the previous fiscal years 1967 through 1971 by unanimous voice vote.

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Thereupon the meeting adjourned.

Attest:

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Edward Q. Moulton  
Secretary

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James W. Shocknessy  
Chairman

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND SIXTY-NINTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, September 2, 1971

The Board of Trustees met at its regular monthly meeting on Thursday, September 2, 1971, at The Ohio State University, Columbus, Ohio, pursuant to adjournment.

Present: James W. Shocknessy, Chairman, Don M. Hilliker, John H. Dunlap, Frederick R. Eckley, M. Merle Harrod, Robert S. Dorsey, John L. Gushman, and Howard D. Sirak.

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Minutes of the last regular meeting (July 2, 1971) and the special meeting (July 30, 1971) were approved.

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REPORT BY CHAIRMAN

A. Request to Speak

Mr. Jerry Rosenberg, a student at the University, requested permission to address the Board and since this request was made in the manner prescribed at an earlier meeting by the Board, it was granted. Mr. Rosenberg spoke in opposition to the passage of Rule 61.09, Control of Dogs and Other Animals, from the Rules for the University Faculty.

B. Report on Consultative Committee to Advise  
in the Selection of a President

Mr. Shocknessy reported that he had received a letter from Mr. John G. Ketterer, Chairman of the Search Committee, requesting that the date for submission of five names of potential presidential candidates be changed from November 12, 1971, to December 15, 1971. Mr. Shocknessy stated that unless there was expressed opposition, he would authorize this change in accordance with the request. There being no such opposition expressed, the Chairman so directed and requested the Secretary to inform Mr. Ketterer.

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STATEMENT BY PRESIDENT FAWCETT  
ON THE STATUS OF THE BUDGET

At our last Board meeting in recommending the adoption of a provisional University budget for this current year I indicated that as soon as our State support level was determined, I would bring this budget back to the Board for ratification and possible modification, depending upon the level of funding support provided by the State. During the past month, however, several events have occurred which have complicated further our budget situation. The recent establishment by the President of the United States of a wage and price freeze has additionally complicated this situation, and has raised questions concerning the fee structure which was adopted by this Board in July as well as the increased Residence Hall charges established for this current year in support of the provisional budget.

An increase in student fees has been inevitable ever since the first hearings on the appropriation for higher education took place. Likewise, the increase in Residence Hall rates was enacted following a year-long study of the Residence Hall system on which hearings were conducted in the Spring Quarter. A new system which was announced in the early summer encompasses a number of significant changes designed to improve the quality of life in these Residence Halls.

Since the wage and price freeze was announced, this University also froze all new appointments and expenditures until we could obtain clarification from the Cost of Living Council and establish internal control procedures to enable us to be responsive to this action. We have not as yet been able

September 2, 1971 meeting, Board of Trustees

STATEMENT BY PRESIDENT FAWCETT  
ON THE STATUS OF THE BUDGET (continued)

to obtain the necessary clarification specifically with reference to fee increases and Residence Hall charges. With the opening of Autumn Quarter only about 3 1/2 weeks away, earlier this week we determined that we had no other alternative than to proceed with the fees and rates authorized by this Board, as well as complete our staffing and make such other expenditures as would enable us to provide educational programs for this coming year. If at some subsequent date it is ruled that we are in violation of the Executive Order, we will comply with such a determination and make the necessary adjustments.

In the meantime I should like to clarify one point of apparent confusion concerning the support level for this University presently being considered by the General Assembly. As was indicated when our provisional budget for this year was adopted, this University finds itself in a very tight financial situation. To provide adequate support for our present programs with no new programs and with only very modest increases in salaries and operating monies, reluctantly we found it necessary to adopt modest increases in student fees. Without these fee increases we simply cannot support our existing programs from the funds that will be available to us through the adoption of either the income tax or sales tax proposals now being considered by the General Assembly.

Finally, we are reviewing this situation on almost an hourly basis and as soon as it becomes clear what funding level we will be provided by the State and we are able to obtain the necessary rulings by the Cost of Living Council, it may be necessary to call a special meeting of this Board for the purpose of adopting a revised budget in support of this current year's operation.

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Mr. Shocknessy:

Mr. President, I think you might reemphasize the fact that the student fee increases which we adopted in July were based upon the assumption that the Bill which was in the House at that time would be passed by the General Assembly. Without these fee increases there would be no possibility of supporting the budget which we adopted at that time.

President Fawcett:

When I brought the provisional budget to this Board in July, I included in the statement of estimated resources an appropriation from the State of \$67,382,000 per year for each of the two years with no increase anticipated for the second year. With that level of support which had been reduced substantially from what our original request was, we had no other alternative than to adopt a slight upward modification in the student fee structure in order to balance the budget without weakening the educational program. The two proposals which have recently

September 2, 1971 meeting, Board of Trustees

STATEMENT BY PRESIDENT FAWCETT  
ON THE STATUS OF THE BUDGET (continued)

appeared in the news media now seem to be aimed at a level which when extrapolated from higher education appropriations for this University would put our support either at about \$65 million or \$63 million, both of which levels per year are substantially less than the estimated appropriation which was included in the provisional budget. I make this point because the argument has been made that the freeze can save money, however, it would be a very small amount in our case because most of our people are on 12-month contracts and accordingly most have been paid at an increased rate since July 1. Consequently, it makes the whole fee problem and the financial problem even more critical than it was at the time we recommended the provisional budget to you. Thus, to support our educational program we must assess the fee increases as approved by this Board in July. If, however, at some subsequent date we receive a legal mandate to return to last year's fee levels, we will have no other alternative than to abide by such a decision even though such a fee reduction may result in a weakening of our educational program.

Mr. Shocknessy:

There is no justification for any statement to the effect that the fee increase would not be needed in the event of the adoption of either of the revenue proposals presently being considered in the General Assembly. The fee increase is necessary and the only thing which would require that we get along without it would be an interpretation of the Executive Order to that effect.

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President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Legal Designation of Appointing Authority  
for Civil Service Employees

In order to designate Madison H. Scott, Executive Director for Personnel Services, as the appointing authority for civil service employees, President Fawcett recommended that the Bylaws of the Board of Trustees and Rules for the University Faculty be amended to include the following:

The Executive Director for Personnel Services shall serve as the appointing authority for the non-instructional employees of the University pursuant to the provisions of Chapter 143, Revised Code of Ohio.

Upon motion of Mr. Harrod, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

September 2, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Naming of Theatre in Edward S. Drake Union

Upon the recommendation of the College of The Arts, and with the concurrence of the President's Cabinet, President Fawcett recommended that the theatre of the Edward S. Drake Union located at 1849 Cannon Drive be designated the "Thurber Theatre" in honor of James Thurber, class of 1917 of the University.

This recommendation is in accordance with the Bylaws of the Board of Trustees.

Upon motion of Mr. Eckley, seconded by Dr. Sirak, the Board of Trustees approved the above recommendation by unanimous voice vote.

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II. PERSONNEL CHANGES

Personnel changes since the July 2, 1971 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Resignation, Change in Responsibility, Appointments, Leaves of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles:

A. Resignation

Geoffrey Keller announced that he will resign from the Dean-ship of the College of Mathematics and Physical Sciences at the end of the Autumn Quarter 1971. He has indicated a desire to return to full-time teaching and research.

B. Change in Responsibility

George P. Crepeau from Associate Professor in the Department of Theatre to Assistant Vice President for Curricula, in the Office of Academic Affairs, effective September 1, 1971, at a salary of \$20,688.00 per annum. He will hold the academic rank of Professor in the Department of Theatre.

C. Appointments

Leslie Ernest McDonald, Dean, College of Veterinary Medicine, effective September 1, 1971, at a salary of \$35,088.00 per annum. He will hold the rank of Professor in the Department of Veterinary Medicine at No Salary.

James B. Heck, Director of The Ohio State University - Mansfield Campus, effective October 1, 1971, at a salary of \$24,528.00 per annum. He will hold the academic rank of Professor in the College of Education at No Salary.

September 2, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Appointments (continued)

John P. Henderson, Assistant Dean, College of Law, effective August 1, 1971, at a salary of \$18,408.00 per annum.

Kenneth A. Marantz, Associate Professor and Chairman, College of The Arts - Art Education, effective October 1, 1971, at a salary of \$18,288.00 per annum.

D. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 11, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Robert H. Groves, Instructor (Area Extension Agent, 4-H) McConnellsville Area Center, effective October 1, 1971 through December 15, 1971, to participate in a program of professional improvement at The Ohio State University.

Gerald L. Mahan, Instructor (County Extension Agent, 4-H) Greene County, effective October 1, 1971 through December 15, 1971, to participate in a program of professional improvement at The Ohio State University.

William F. Rohrs, Instructor (County Extension Agent, 4-H) Defiance County, effective September 23, 1971 through December 17, 1971, to participate in a program of professional improvement at Michigan State University.

Raymond A. Schindler, Instructor (Area Extension Agent, Community Resource Development) Fremont Area Center, effective October 1, 1971 through December 31, 1971, to participate in a program of professional improvement at The Ohio State University.

E. Leaves of Absence Without Salary

David E. Black, Professor, College of The Arts - Division of Art, effective July 1, 1971 through September 30, 1971, to continue research in Germany.

Ernest George Ehlers, Professor, Department of Mineralogy, effective October 1, 1971 through June 30, 1972, to accept a one-year Fulbright-Hays Lectureship.

R. Wayne Walker, Professor, College of Law, effective October 1, 1971 through December 31, 1971, to serve as a Visiting Professor at the University of New Mexico School of Law.



September 2, 1971 meeting, Board of Trustees

## II. PERSONNEL CHANGES (continued)

### E. Leaves of Absence Without Salary (continued)

Donald R. Washington, Professor, Department of Civil Engineering, effective September 15, 1971 through June 30, 1972, to work with the United States Environmental Protection Agency.

Carolyn N. Burnett, Associate Professor, School of Allied Medical Professions, effective August 1, 1971 through June 30, 1972, to pursue a research project.

Richard T. Garner, Associate Professor, Department of Philosophy, effective October 1, 1971 through December 31, 1971, to engage in writing and research.

David A. Knapp, Associate Professor, College of Pharmacy, effective July 1, 1971 through August 31, 1971, to study at the University of Michigan under a special research fellowship from the National Center for Health Sciences Research and Development.

Christopher A. Rodowskas, Associate Professor, College of Pharmacy, effective September 1, 1971 through June 30, 1972, to set up a grant proposal for the American Association of Colleges of Pharmacy, Silver Spring, Maryland.

John A. M. Rothney, Associate Professor, Department of History, effective October 1, 1971 through September 30, 1972, to accept an award from the American Council of Learned Societies.

David Alwin Wolff, Associate Professor, Department of Microbiology, effective November 1, 1971 through December 31, 1971, to participate in a research program at the University of Uppsala, Sweden.

Robert Edward Bedeski, Assistant Professor, Department of Political Science, effective January 1, 1972 through September 30, 1972, to accept a grant to study contemporary China from the Social Science Research Council at Harvard University.

Marjorie L. Brunner, Assistant Professor, School of Allied Medical Professions, effective August 1, 1971 through December 31, 1971, for personal reasons.

Lynn Dally, Assistant Professor, College of The Arts - Division of Dance, effective October 1, 1971 through September 30, 1972, for personal reasons.

Deanne Erma Knapp, Assistant Professor, College of Pharmacy, effective July 1, 1971 through August 31, 1971, to study at the University of Michigan under a special research fellowship from the National Center for Health Sciences Research and Development.

September 2, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. Leaves of Absence Without Salary (continued)

Mary R. Mealy, Assistant Professor, College of The Arts - Division of History of Art, effective January 1, 1972 through March 31, 1972, to complete her Ph.D. dissertation.

Tod F. Stuessy, Assistant Professor, Department of Botany, effective October 1, 1971 through September 30, 1972, to accept a Postdoctoral Fellowship at Harvard University.

F. Emeritus Titles

Gordon B. Carson, Office of Administrative Operations, with the title Vice President Emeritus, effective September 1, 1971.

Grace R. Beckwith, School of Home Economics, with the title Professor Emeritus, effective August 1, 1971.

Alfred B. Garrett, Department of Chemistry, with the title Professor Emeritus, effective September 1, 1971.

Everett J. Kircher, College of Education, with the title Professor Emeritus, effective September 1, 1971.

Harold E. Reynard, College of Education, with the title Professor Emeritus, effective September 1, 1971.

Frederick H. Shillito, Department of Preventive Medicine, with the title Professor Emeritus, effective July 1, 1971.

J. Norman Staiger, School of Music, with the title Professor Emeritus, effective September 1, 1971.

Ronald J. Stanger, College of Law, with the title Professor Emeritus, effective August 1, 1971.

President Fawcett recommended that the Resignation, Change in Responsibility, Appointments, Leaves of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Eckley, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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September 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

- A. The Ohio State University and  
The Ohio State University Research Foundation

SUMMARY  
June 12, 1971 - August 10, 1971

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	30	\$2,295,247.00
Industrial and Other Research	10	55,671.84
<u>Grants</u>		
Government Research - Federal	35	1,897,629.00
Government Research - State	1	54,000.00
Industrial and Other Research	<u>11</u>	<u>179,965.00</u>
Totals	87	\$4,482,512.84

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the following projects administered through the Research Foundation be approved and recorded in the minutes of this meeting.

1. Government Research Contracts - Federal

- a. Department of Navy, Office of Naval Research, Arlington, Virginia, Conducting a Course of Instruction in Navy Price Analysis (to be known as Project No. 1086 - Mod. #24 - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$6,168.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Hazards of Experimental Leukemia Research (to be known as Project No. 2049 - Mod. #12 - Department of Veterinary Pathology).  
Gross Value - \$257,570.00.
- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Brain Tumor Chemotherapy Study (to be known as Project No. 2484 - Mod. #6 - Department of Surgery).  
Gross Value - \$15,060.00.

September 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- d. Department of Air Force, Rome Air Development Center, Air Force Systems Command, Griffiss Air Force Base, New York, Coherent Multiplexing and Array Techniques (to be known as Project No. 2738 - Mod. #P00007 - Department of Electrical Engineering).  
Gross Value - \$8,501.00.
- e. Department of Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Coherent Multiplexing and Array Techniques (to be known as Project No. 2738 - Mod. #P00008 - Department of Electrical Engineering).  
Gross Value - \$46,137.00.
- f. Department of Air Force, Air Force Systems Command, Wright Patterson Air Force Base, Ohio, Laser Propagation Investigation (to be known as Project No. 2819 - Mod. #P00004 - Department of Electrical Engineering).  
Gross Value - \$12,500.00.
- g. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Study Role of Vehicles and Particulates in Respiratory Carcinogenesis Bioassays (to be known as Project No. 2853 - Sponsor Ltr. Dtd. 7/6/71 - Department of Veterinary Pathology).  
Gross Value - \$6,902.00
- h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Use of Radioiodine-Labeled Antibody Techniques to Studies on Viral Induced Tumors (to be known as Project No. 2854 - Mod. #3 - Department of Veterinary Pathology).  
Gross Value - \$90,000.00.
- i. Agency for International Development, Office of Procurement, Contract Services Division, Washington, D. C., Analysis of Capital Formation and Technological Innovation at the Farm Level in LDC's (to be known as Project No. 2871 - Amend. #5 - Department of Agricultural Economics and Rural Sociology).  
Gross Value - \$232,959.00.
- j. Department of Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Investigation of 10.6 Micron Propagation Phenomena (U) (to be known as Project No. 2880 - Mod. #P00004 - Department of Electrical Engineering).  
Gross Value - \$110,000.00.

September 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- k. Department of Air Force, Electronic Systems Division, Air Force Systems Command, Laurence G. Hanscom Field, Bedford, Massachusetts, Study of Partially Polarized Radiowaves from the Sun and Discrete Radio Sources (to be known as Project No. 2915 - Mod. #P00003 - Department of Electrical Engineering).  
Gross Value - \$30,000.00.
- l. Department of Air Force, Air Force Systems Command, Wright Patterson Air Force Base, Ohio, High Temperature Electrochemical Research in Metallurgy (to be known as Project No. 2932 - Mod. #P00002 - Department of Metallurgical Engineering).  
Gross Value - \$66,909.00.
- m. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, A Study of the Mechanism of Stress Corrosion Cracking in Iron-Nickel-Chromium Alloy System (to be known as Project No. 2958 - Mod. #2 - Department of Metallurgical Engineering).  
Gross Value - \$17,299.00.
- n. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Study Program for Low Noise "S" Band Radiometer Antenna Development (to be known as Project No. 3033-A1 - Mod. #2 - Department of Electrical Engineering).  
Gross Value - \$40,000.00.
- o. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Determinants of Population Growth Study (to be known as Project No. 3055-A1 - Mod. #1 - Department of Economics).  
Gross Value - \$107,155.00.
- p. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Research Into Onset of Myocardial Infarction and Sudden Death (to be known as Project No. 3059-A1 - Mod. #1 - Department of Preventive Medicine).  
Gross Value - \$153,600.00.
- q. Department of Air Force, Air Force Systems Command, Wright Patterson Air Force Base, Ohio, Investigation of the Properties of Gas Glows in Variable Area Ducts with Heat Addition (to be known as Project No. 3066-A1 - Mod. #P00003 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$9,400.00.

September 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- r. Department of Navy, Office of Naval Research, Arlington, Virginia, Contract Administration (to be known as Project No. 3164-A1 - Mod. #3 - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$23,265.00.
- s. Department of Army, Office of Civil Defense, Contracts Division, Washington, D. C., Regional Procurement Training (to be known as Project No. 3212-A1 - Mod. #P689-2 - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$1,700.00.
- t. Department of Army, U. S. Army Missile Command, Redstone Arsenal, Alabama, Development of a Dynamic Simulation Filter (to be known as Project No. 3248-A1 - New - Department of Industrial Engineering).  
Gross Value - \$25,266.00.
- u. Department of Air Force, Air Force Systems Command, Wright Patterson Air Force Base, Ohio, Trap Distribution in Semi-Conductors (to be known as Project No. 3253-A1 - New - Department of Electrical Engineering).  
Gross Value - \$91,600.00.
- v. Department of Army, Defense Supply Service, Washington, D. C., Cytological Studies (to be known as Project No. 3259-A1 - New - Department of Pathology).  
Gross Value - \$348,026.00.
- w. Department of Interior, Bureau of Sport Fisheries and Wildlife, Division of Fishery Services, Fort Snelling, Twin Cities, Minnesota, Impact of Fish Hatcheries on Native Fish Populations and Benthos (to be known as Project No. 3260-A1 - New - Department of Zoology).  
Gross Value - \$11,154.00.
- x. Department of Army, Aberdeen Proving Ground, Aberdeen Proving Ground, Maryland, Analysis of Continuous Wave Propagation Experiments Performed During the November 1969 Polar Cap Absorption Event (to be known as Project No. 3261-A1 - New - Department of Electrical Engineering).  
Gross Value - \$29,865.00.

September 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- y. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Participation in a Study of Cerebral Death (to be known as Project No. 3264-A1 - New - Department of Medicine).  
Gross Value - \$59,600.00.
- z. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Occupational Safety and Health, Rockville, Maryland, The Determination of the Pressure Loss Coefficients of Divided Flow Fittings in Exhaust Duct Systems (to be known as Project No. 3268-A1 - New - Department of Mechanical Engineering).  
Gross Value - \$41,506.00.
- aa. Department of Air Force, Rome Air Development Center, Griffiss Air Force Base, New York, Laser Absorption Studies in the 5 Micron Band (to be known as Project No. 3271-A1 - New - Department of Electrical Engineering).  
Gross Value - \$65,000.00.
- bb. Department of Air Force, Air Force Systems Command, Headquarters, Wright Patterson Air Force Base, Ohio, High Reynolds Number Transonic Testing (to be known as Project No. 3273-A1 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$70,000.00.
- cc. Department of Air Force, Air Force Special Weapons Center, Kirtland Air Force Base, New Mexico, Control of Birds with Laser Energy (to be known as Project No. 3274-A1 - New - Department of Zoology).  
Gross Value - \$28,063.00.
- dd. Department of Air Force, Air Force Institute of Technology, Wright Patterson Air Force Base, Ohio, Academic Services to AFIT School of Systems and Logistics (to be known as Project No. 3286-A1 - New - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$290,042.00.

TOTAL - Government Research Contracts - Federal \$2,295,247.00

September 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

2. Industrial and Other Research Contracts

- a. Steel Founders' Society of America, Rocky River, Ohio, Investigation of Cast Corrosion Resistant Alloys (to be known as Project No. 350 - Amend. #23 - Department of Metallurgical Engineering). Gross Value - \$23,000.00.
- b. National Academy of Sciences, National Academy of Engineering, Washington, D. C., Effective Interplay of Engineering with Biology and Medicine (to be known as Project No. 2775 - Amend. #4 - Department of Electrical Engineering). Gross Value - \$1,200.00.
- c. Battelle Memorial Institute, Columbus Laboratories, Columbus, Ohio, The Role of Acetaldehyde in the Actions of Ethanol (to be known as Project No. 3142-A1 - Sup. #2 - Department of Pharmacology). Gross Value - \$1,274.00.
- d. University of Dayton, Research Institute, Dayton, Ohio, Consulting Services Under the Supervision of Dr. Robert Nerem (to be known as Project No. 3179-A1 - Purchase Order Dated 7/20/71 - Department of Aeronautical and Astronautical Engineering). Gross Value - \$842.84.
- e. Battelle Memorial Institute, Columbus Laboratories, Columbus, Ohio, Installation and Testing of Planar Pressure Generator (to be known as Project No. 3267-A1 - New - Department of Aeronautical and Astronautical Engineering). Gross Value - \$4,000.00.
- f. Battelle Memorial Institute, Columbus Laboratories, Columbus, Ohio, Installation and Testing of Planar Pressure Generator (to be known as Project No. 3267-A1 - Sup. #1 - Department of Aeronautical and Astronautical Engineering). Gross Value - \$1,500.00.
- g. General Electric Company, Aircraft Engine Group, Evendale Plant, Cincinnati, Ohio, Design Study and Proof of Concept Investigation for Distorted Flow (to be known as Project No. 3288-A1 - New - Department of Aeronautical and Astronautical Engineering). Gross Value - \$6,000.00.



September 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

2. Industrial and Other Research Contracts (continued)

- h. Research for Better Schools, Inc., Philadelphia, Pennsylvania, Self-Instructional Materials for Educating Project Management (to be known as Project No. 3298-A1 - New - College of Education). Gross Value - \$8,900.00.
- i. Centerville Public Schools, Centerville, Ohio, Audit Services to the Centerville Public Schools (to be known as Project No. 3299-A1 - New - College of Education). Gross Value - \$6,555.00.
- j. The Babcock and Wilcox Company, Alliance, Ohio, Nitric Oxide Detection with an Infrared Laser (to be known as Project No. 3300-A1 - New - Department of Electrical Engineering). Gross Value - \$2,400.00.

TOTAL - Industrial and Other Research Contracts \$55,671.84

3. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Anabolic Control in Normal and Neoplastic Tissues (to be known as Project No. 1571-G - Ext. #7 - Department of Biochemistry). Gross Value - \$32,184.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Biology of the Heart (to be known as Project No. 2058-F - Ext. #6 - Departments of Medicine and Veterinary Physiology). Gross Value - \$173,218.00.
- c. Department of Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Statistics and Probability Applied to System Effectiveness Evaluations (to be known as Project No. 2428 - AFOSR-67-1350B - Division of Statistics). Gross Value - \$45,268.00.
- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, The Pathogenesis of Lipid Accretion in Atheromatosis (to be known as Project No. 2642-A - Ext. #2 - Department of Pathology). Gross Value - \$29,581.00.

September 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, The Induction of Tolerance to Xenografts (to be known as Project No. 2662-C - Ext. #3 - Department of Surgery).  
Gross Value - \$36,921.00.
- f. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Flutter of Thermally Stressed Plates Subjected to Large Deflections (to be known as Project No. 2792 - Sup. #2 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$6,000.00.
- g. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Flutter of Thermally Stressed Plates Subjected to Large Deflections (to be known as Project No. 2792 - Sup. #3 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$8,000.00.
- h. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Flutter of Thermally Stressed Plates Subjected to Large Deflections (to be known as Project No. 2792 - Sup. #4 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$23,987.00.
- i. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis and Chemistry of Diazo Compounds (to be known as Project No. 2793-B - Ext. #2 - Department of Chemistry).  
Gross Value - \$48,886.00.
- j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Myelin Biosynthesis and Turnover (to be known as Project No. 2815-B - Ext. #2 - Department of Physiological Chemistry).  
Gross Value - \$26,427.00.

September 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- k. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Systolic Intervals in Acute Myocardial Infarction (to be known as Project No. 2830-A - Sup. #1 - Department of Medicine).  
Gross Value - \$1,784.00.
- l. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Proximal Tubular Transport in Edematous States (to be known as Project No. 2831-B - Ext. #2 - Department of Medicine).  
Gross Value - \$23,980.00.
- m. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Drug Sensitive Biochemical Pathways in the CNS (to be known as Project No. 3002-A1 - Sup. #1 - Department of Pharmacology).  
Gross Value - \$12,952.00.
- n. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Structure of the Red Mechanism in the Color-Normal (to be known as Project No. 3048-A2 - Ext. #1 - Department of Biophysics).  
Gross Value - \$11,785.00.
- o. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, New Antibiotics - Isolation, Synthesis and Evaluation (to be known as Project No. 3054-A2 - Ext. #1 - College of Pharmacy).  
Gross Value - \$34,839.00.
- p. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Division of Allied Health Manpower, Bethesda, Maryland, Development of Occupational Therapy Job Descriptions and Curricula Through Task Analysis (to be known as Project No. 3071-A2 - Ext. #1 - School of Allied Medical Professions).  
Gross Value - \$77,588.00.

September 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- q. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Aspartate Carbamyltransferase of Reproductive Tissues (to be known as Project No. 3074-A2 - Ext. #1 - Department of Physiology).  
Gross Value - \$15,590.00.
- r. National Science Foundation, Washington, D. C., Intermediate Boron Hydrides and Their Derivatives (to be known as Project No. 3090-A1 - NSF Ltr. Dtd. 7/23/71 - Department of Chemistry).  
Gross Value - \$39,900.00.
- s. Department of Health, Education and Welfare, Office of Education, Washington, D. C., National Program in Educational Leadership (to be known as Project No. 3252-A1 - New - College of Education).  
Gross Value - \$677,333.00
- t. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Radar Return and Radiometric Emission from the Sea (to be known as Project No. 3266-A1 - New - Department of Electrical Engineering).  
Gross Value - \$20,000.00.
- u. Department of Health, Education and Welfare, Social and Rehabilitation Service, Washington, D. C., The Case of Rehabilitation, Employment and Supporting Programs (to be known as Project No. 3269-A1 - New - Mershon Center for Education in National Security).  
Gross Value - \$170,663.00.
- v. Department of Labor, Manpower Administration, Office of Research and Development, Washington, D. C., The Impact of Extending Minimum Wages to Private Household Workers (to be known as Project No. 3270-A1 - New - Department of Economics).  
Gross Value - \$7,928.00.
- w. Department of Health, Education and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, Amino Sugars in Processed Foods (to be known as Project No. 3275-A1 - New - Department of Food Science and Nutrition).  
Gross Value - \$29,402.00.

September 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- x. Department of Health, Education and Welfare, Office of Education, Washington, D. C., Design of a Planning and Assessment System for the Division of Manpower and Institutions (to be known as Project No. 3276-A1 - New - College of Education).  
Gross Value - \$24,440.00.
- y. Department of Labor, Manpower Administration, Washington, D. C., Dynamic Analysis of the Labor Force Behavior of Men and Youth (to be known as Project No. 3277-A1 - New - Department of Economics).  
Gross Value - \$21,344.00.
- z. Department of Health, Education and Welfare, Public Health Service, National Institute of Occupational Safety and Health, Cincinnati, Ohio, Pathophysiology of Coal Pneumoconiosis in Equidae (to be known as Project No. 3282-A1 - New - Department of Veterinary Pathology).  
Gross Value - \$103,905.00.
- aa. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Post-Transcriptional Control in Eukaryotic Cells (to be known as Project No. 3283-A1 - New - Department of Physiological Chemistry).  
Gross Value - \$39,025.00.
- bb. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Chemical Studies Related to Hydrocarbon Carcinogenesis (to be known as Project No. 3284-A1 - New - Department of Chemistry).  
Gross Value - \$44,054.00.
- cc. Department of Health, Education and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, Sociolinguistics and Bilingualism (to be known as Project No. 3289-A1 - New - Department of Linguistics).  
Gross Value - \$5,280.00.
- dd. Department of Health, Education and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, Ultrastructural Transformations in Brain Mitochondria (to be known as Project No. 3290-A1 - New - Department of Pharmacology).  
Gross Value - \$5,000.00.

September 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- ee. U. S. Department of Agriculture, Agricultural Research Service, Administrative Services Division, Federal Center Building, Hyattsville, Maryland, Chemical Factors in Ash and Tupil Poplar Leaves that Inhibit the Feeding of Gypsy Moth Larvae (to be known as Project No. 3291-A1 - New - College of Pharmacy). Gross Value - \$75,000.00.
- ff. Department of Health, Education and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, The Determinants and Prediction of Suicide (to be known as Project No. 3293-A1 - New - Department of Sociology). Gross Value - \$6,814.00.
- gg. Department of Health, Education and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, Interrelationships of Social Groups (to be known as Project No. 3294-A1 - New - Department of Sociology). Gross Value - \$6,561.00.
- hh. Department of Health, Education and Welfare, Public Health Service, National Institute of Mental Health, Bethesda, Maryland, Human Concept Formation Negative Instances (to be known as Project No. 3296-A1 - New - College of Education). Gross Value - \$6,990.00.
- ii. National Science Foundation, Washington, D. C., Systematics of Galinsoga and Pectis (Dissertation Research of Judith M. Canne and David J. Keil) (to be known as Project No. 3297-A1 - New - Department of Botany). Gross Value - \$5,000.00.

TOTAL - Government Research Grants - Federal \$1,897,629.00

4. Government Research Grant - State

- a. State of Ohio, Department of Health, Columbus, Ohio, Newborn Care (to be known as Project No. 2052-F - Ext. #6 - Department of Pediatrics). Gross Value - \$54,000.00.

September 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and

The Ohio State University Research Foundation

5. Industrial and Other Research Grants

- a. American Heart Association, Inc., New York, New York,  
Permeability of Heart Mitochondria (to be known as Project No.  
2847-B - Ext. #2 - Department of Physiological Chemistry).  
Gross Value - \$13,200.00.
- b. American Heart Association, Inc., New York, New York, Action  
of Antimycin A on Heart Respiratory Function (to be known as  
Project No. 3036-A2 - Ext. #1 - Department of Physiological  
Chemistry).  
Gross Value - \$13,200.00.
- c. Damon Runyon Memorial Fund, New York, New York, Reticu-  
loendothelial Function in Neoplasia (to be known as Project No.  
3076-A1 - Sponsor Ltr. Dtd. 6/25/71 - Department of Medicine).  
Gross Value - \$14,100.00.
- d. American Cancer Society, Inc., New York, New York,  
Metabolism of Normal and Abnormal Lymphocytes (to be known  
as Project No. 3258-A1 - New - Department of Medicine).  
Gross Value - \$31,955.00.
- e. American Cancer Society, Inc., New York, New York,  
American Cancer Society Institutional Grant (to be known as  
Project No. 3262-A1 - New - Department of Surgery).  
Gross Value - \$35,000.00.
- f. Alfred P. Sloan Foundation, New York, New York, Alfred P.  
Sloan Research Fellowship in Chemistry (to be known as Project  
No. 3265-A1 - New - Department of Chemistry).  
Gross Value - \$14,490.00.
- g. National Endowment for the Humanities, Washington, D. C., The  
Harlem Renaissance: A Study of Afro-American Literature of the  
1920's (to be known as Project No. 3272-A1 - New - Department  
of English).  
Gross Value - \$14,999.00.
- h. Ohio Tuberculosis and Respiratory Disease Association, Columbus,  
Ohio, Genetic and Scanning Beam Electron Microscope Studies of  
Effects of Antimicrobial Agents on Mycobacteria (to be known as  
Project No. 3278-A1 - New - Department of Medicine).  
Gross Value - \$4,134.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

5. Industrial and Other Research Grants (continued)

- i. Council on Library Resources, Washington, D. C., An Automated On-Line Circulation Systems: Evaluation, Development and Use (to be known as Project No. 3280-A1 - New - The Ohio State University Libraries).  
Gross Value - \$1,534.00.
- j. Damon Runyon Memorial Fund, New York, New York, The Origin and Role of Myoepithelial Cells in Breast Cancer (to be known as Project No. 3287-A1 - New - Department of Pathology).  
Gross Value - \$14,200.00.
- k. The Ford Foundation, New York, New York, Choice Mechanisms in the Migration Decision (to be known as Project No. 3295-A1 - New - Department of Geography).  
Gross Value - \$23,153.00.

TOTAL - Industrial and Other Research Grants \$179,965.00

Upon motion of Mr. Hilliker, seconded by Mr. Eckley, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous roll call vote.

B. The Report of the Research Contracts  
from the Engineering Experiment Station

SUMMARY

	No. of Projects	Gross Value
Government Research Contracts	14	\$245,457.86
Industrial Research Contracts	<u>3</u>	<u>53,980.00</u>
Totals	17	\$299,437.86

During the period from June 15, 1971 through August 11, 1971, the Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

1. Government Research Contracts

EES 386X      Systems Analysis and Operations Research Support of  
Ext. #1      The Ohio Youth Commission Juvenile Delinquency  
                 Prevention Act Planning Project, Ohio Youth Com-  
                 mission, Columbus, Ohio.  
                 Gross Value - \$34,220.86.



September 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts  
from the Engineering Experiment Station

EES 389X	Coagulation of Clays with Hydrolyzing Metals, U. S. Department of the Interior, Washington, D. C. Gross Value - \$10,000.00.
EES 390X	Chemical and Sediment Movement from Agricultural Land Into Lake Erie, U. S. Department of the Interior, Washington, D. C. Gross Value - \$10,000.00.
EES 391X	Interactions Between Microparticulates and Representative Heterotrophic Microorganisms from Lake Erie Using Batch and Continuous Culture Techniques, U. S. Department of the Interior, Washington, D. C. Gross Value - \$5,600.00.
EES 392X	Formation of Dense Settled Sludge by Lime Treatment of Acid Mine Drainage, U. S. Department of the Interior, Washington, D. C. Gross Value - \$2,950.00.
EES 393X	Stream Pollution from Cattle Feedlot Runoff, U. S. Department of the Interior, Washington, D. C. Gross Value - \$4,900.00.
EES 394X	Role of Fungi and Algae in Formation, U. S. Department of the Interior, Washington, D. C. Gross Value - \$8,800.00.
EES 395X	Bacterial Parasitism of Aquatic Algae, U. S. Department of the Interior, Washington, D. C. Gross Value - \$6,100.00.
EES 396X	Distribution of Trace Elements in Water and River Sediments in Ohio, U. S. Department of the Interior, Washington, D. C. Gross Value - \$8,900.00.
EES 397X	The Effects of Bacterial Methane Fixation on Lake Eutrophication, U. S. Department of the Interior, Washington, D. C. Gross Value - \$5,000.00.
EES 398X	Determination of Trace Metal Pollutants in Water Resources and Stream Sediments, U. S. Department of the Interior, Washington, D. C. Gross Value - \$4,588.00.
EES 399X	Institute Director's Office, U. S. Department of the Interior, Washington, D. C. Gross Value - \$27,640.00.

September 2, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts  
from the Engineering Experiment Station

1. Government Research Contracts (continued)

EES 400X	A Systems Analysis of the Western Basin of Lake Erie - Phase III, U. S. Department of the Interior, Washington, D. C. Gross Value - \$49,920.00.
EES 401X	Electromagnetic Pulse Sounding for Surveying Under- ground Water Resources, U. S. Department of the Interior, Washington, D. C. Gross Value - \$66,839.00.

TOTAL - Government Research Contracts \$245,457.86

2. Industrial Research Contracts

EES 327X	Design Study of Blowdown Rings, Aquatrol, Inc., Chicago, Illinois. Gross Value - \$10,000.00.
EES 402X	An Investigation of Some Feasible Bases for Design of an Automobile Alcohol Interlock System, General Motors Technical Center, Warren, Michigan. Gross Value - \$18,390.00.
EES 403X	Sonic Rock Crushing, Columbia Cement Company, Columbus, Ohio. Gross Value - \$25,590.00.

TOTAL - Industrial Research Contracts \$53,980.00

C. Agreement Between the College of Agriculture and Home Economics  
of The Ohio State University and the College of Agriculture and  
Natural Resources of Michigan State University

It was recommended that the President of The Ohio State University be authorized to sign an agreement on behalf of The Ohio State University to extend the present agreement for training students in the forestry curriculum at Michigan State University, effective for a period of five years (1971-1976).

Upon motion of Dr. Sirak, seconded by Mr. Dorsey, the Board of Trustees approved the above recommendation by unanimous roll call vote.

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#### IV. GRANTS AND GIFTS

The following grants and gifts to the University were among those received since July 2, 1971, and were reported for the record. Appropriate expressions of appreciation have been conveyed to the donors.

##### SUMMARY

Administered Through the Office of Business and Finance	\$2,437,805.00
Received Through The Ohio State University Development Fund	356,102.48

##### A. Administered Through the Office of Business and Finance

1. \$434,846.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, Rockville, Maryland, to the University for "Ohio State Regional Medical Program," under the direction of the College of Medicine, for the period July 1, 1970 through December 31, 1971. (Grant No. 5 G03 RM 00022-02A2)
2. \$240,086.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "Preparing Leadership Personnel in School Psychology," under the direction of the Department of Psychology, with project extended through August 31, 1972. (Grant No. OEG-0-70-4214)
3. \$217,300.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "Training of Professional Personnel in the Education of the Handicapped," under the direction of the College of Education, School of Health, Physical Education and Recreation, Department of Speech, and Mental Retardation Center, for the period June 1, 1971 through August 31, 1972. (Grant No. OEG-0-71-1577)
4. \$150,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "Institute for Training in Librarianship," under the direction of the University Libraries, for the period June 16, 1971 through July 31, 1972. (Grant No. OEG-0-71-8537)
5. \$141,336.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Professional Nurse Traineeship Program - Long Term - Baccalaureate and Post-Baccalaureate Training Grant," under the direction of the School of Nursing, for the period September 1, 1971 through August 31, 1972. (Grant No. 5 A11 NU00029-15 and 5 A11 NU00029-15S1)
6. \$134,401.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Graduate Program in Comprehensive Health Planning," under the direction of the Department of Preventive Medicine, for the period July 1, 1971 through June 30, 1972. (Grant No. CS-P [T-45] 555503-03-71)

September 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

7. \$121,738.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "Facilitating Career Education Through Career Development Program Specialists," under the direction of the Center for Vocational and Technical Education, for the period June 28, 1971 through August 31, 1972. (Grant No. OEG-0-71-4553)
8. \$115,571.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Allied Health Professions Advanced Traineeship Grant," under the direction of the School of Allied Medical Professions, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 A02 AH00010-05)
9. \$100,000.00 granted by U. S. Department of Commerce, Economic Development Administration, Office of Technical Assistance, Washington, D. C., to the University for "Economic Development Technical Assistance Program," under the direction of the Center for Vocational and Technical Education, for the period June 30, 1971 through February 28, 1972. (Grant No. 03-6-09241)
10. \$99,890.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "Developmentally Delayed Infant Training Project - Early Education," under the direction of the Mental Retardation Center, for the period June 30, 1971 through June 29, 1972. (Grant No. OEG-0-71-4375)
11. \$98,377.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Region V, 433 West Van Buren Street, Chicago, Illinois, to the University for "Child Welfare Training Program," under the direction of the School of Social Work, for the period July 1, 1971 through June 30, 1972. (Grant No. 84-P-25026/5-04)
12. \$67,669.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Medical Communications Division," under the direction of the School of Allied Medical Professions, for the period July 1, 1971 through June 30, 1972. (Grant No. 1 D02 AH 00104-01)
13. \$65,817.00 granted by Department of Transportation, National Highway Traffic Safety Administration, 400 7th St., SW, Washington, D. C., to the University for "Training Accident Investigation," under the direction of the Center for Vocational and Technical Education, for the period through December 31, 1971. (Grant No. DOT-HS-115-1-169)
14. \$65,638.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Ophthalmology - Training Grant," under the direction of the Department of Ophthalmology, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 EY00036-07)

September 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

15. \$64,926.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Family Centered Practicum - Developmental Disabilities," under the direction of the Mental Retardation Center, for the period July 1, 1971 through June 30, 1972. (Grant No. 1 D12 AH 00135-01)
16. \$52,283.00 granted by State of Ohio, Department of Education, Columbus, Ohio, to the University for "An Evaluation System for Vocational Education Leadership and Professional Development Activities," under the direction of the Center for Vocational and Technical Education.
17. \$44,756.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Clinical Cancer Training, Dental - Training Grant," under the direction of the College of Dentistry, for the period July 1, 1971 through June 30, 1972. (Grant No. 2 T12 CA08129-05)
18. \$32,025.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Gastroenterology - Training Grant," under the direction of the Department of Medicine, for the period July 1, 1971 through June 30, 1972. (Grant No. 1 T01 AM05569-01A1)
19. \$27,997.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Region V, 433 West Van Buren Street, Chicago, Illinois, to the University for "Training in Medical Sociology - Training Grant," under the direction of the Department of Sociology, for the period September 1, 1971 through August 31, 1972. (Grant No. 44-P-25120/5-07)
20. \$21,896.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "Language and Area Center for Slavic and East European Studies," under the direction of the Department of Slavic Languages and Literatures, for the period July 1, 1971 through June 30, 1972. (Contract No. OEC-0-71-3431)
21. \$20,900.00 granted by Agency for International Development, United States Government, Washington, D. C., to the University for "Rural Savings Capacity in Taiwan and Response to Economic Incentives," under the direction of the Department of Agricultural Economics and Rural Sociology. (Grant No. AID/EA-169)
22. \$19,924.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Region V, 433 West Van Buren Street, Chicago, Illinois, to the University for "Training Grant for Speech and Hearing Impaired," under the direction of the Department of Speech, for the period September 1, 1971 through August 31, 1972. (Grant No. 44-P-25121/5-08)

September 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

23. \$17,994.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Region V, 433 West Van Buren Street, Chicago, Illinois, to the University for "Teaching Grant and Traineeships in Physical Therapy," under the direction of the School of Allied Medical Professions, Division of Physical Therapy, for the period September 1, 1971 through August 31, 1972. (Grant No. 44-P-25124/5-08)
24. \$16,106.00 granted by State of Ohio, Department of Natural Resources, Columbus, Ohio, to the University for a Division of Wildlife Wetland, Wildlife Ecology Research and Management Study, under the direction of the College of Biological Sciences, for the period July 1, 1971 through June 30, 1972. (Project No. W-104-R-15, Study VI, Job VI-1)
25. \$13,360.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Residency in General Preventive Medicine - Training Grant," under the direction of the Department of Preventive Medicine, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 A08 AH 00080-02)
26. \$11,996.00 granted by Agency for International Development, United States Government, Washington, D. C., to the University for "Administration of Purchasing, Inventory Management and Maintenance Management," under the direction of the College of Administrative Science, Division of Continuing Education, with an expiration date of May 30, 1972. (Grant No. AID/csd-1571)
27. \$10,000.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "In-Service Program in Reading," under the direction of the College of Education. (Grant No. OEG-0-70-2057)
28. \$8,275.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Medicinal Chemistry - Training Grant," under the direction of the College of Pharmacy, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 T01 GM01949-03)
29. \$7,150.00 additional grant by Department of Health, Education and Welfare, Social and Rehabilitation Service, Region V, 433 West Van Buren Street, Chicago, Illinois, to the University for "Occupational Therapy - Training Grant," under the direction of the School of Allied Medical Professions, for the period September 1, 1971 through August 31, 1972. (Grant No. 44-P25123/5-07)
30. \$5,821.00 granted by State Department of Education, Guidance Field Service, Columbus, Ohio, to the University for "Summer Vocational Guidance Seminar," under the direction of the College of Education.

September 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Administered Through the Office of Business and Finance (continued)

31. \$5,565.00 granted by The Ford Foundation, 320 East 43rd Street, New York, New York, to the University for "Black Student Doctoral Fellowship," under the direction of the Graduate School for the year 1971-1972. (Project No. 719-0021)
32. \$3,098.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, Bethesda, Maryland, to the University for "Ohio State Regional Medical Program," under the direction of the College of Medicine, for the period April 1, 1967 through June 30, 1968. (Grant No. 3 G02 RM 00022-01S3)
33. \$1,064.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "The Design Implementation and Evaluation of a Curriculum Leading to the Bachelor of Science in Nursing Degree," under the direction of the School of Nursing, for the period August 1, 1970 through July 31, 1971. (Grant No. 3 D10 NU 00319-03S)

TOTAL - Administered Through the Office of Business and Finance  
\$2,437,805.00

B. Received Through The Ohio State University Development Fund

1. \$71,657.05 from the Louise Orr Scott Foundation, Columbus, Ohio--\$53,742.79 for scholarships in the College of Medicine and \$17,914.26 for scholarships in the College of Pharmacy.
2. \$32,998.92 from the Estates of Ezra and Mary C. Place, Lima, Ohio, for the establishment of the Mary C. and Ezra Place Scholarship.

Mary C. and Ezra Place Scholarship

The Mary C. and Ezra Place Scholarship was established September 2, 1971, by the Board of Trustees of The Ohio State University with a bequest through the Development Fund from Mr. and Mrs. Ezra C. Place, late of Lima, Ohio.

All gifts are to be invested in the University's Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to award four scholarships of \$1,500.00 each to qualified students at the Lima Campus, or its successor, to be selected by the Trustees. Selection shall be made on the basis of merit, with preference being given to graduates of Lima Senior High School, Lima, Ohio; Elida High School, Elida, Ohio; Bath High School, Lima, Ohio;

September 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

2. Mary C. and Ezra Place Scholarship (continued)

and Perry High School, Lima, Ohio. Said scholarships may be granted to those graduates of the above mentioned schools who desire to attend any college or department of the University or any technical or trade school which may be a part of, or operated by or in connection therewith.

Payments shall be made from income, but the University may, in the discretion of the Trustees, invade the corpus to accomplish the purpose expressed herein.

3. \$25,600.00 from Eli Lilly and Company, Indianapolis, Indiana--  
\$20,600.00 for infectious disease research and \$5,000.00 for research in microbiology.
4. \$25,000.00 from The International Nickel Company of Canada, Ltd., New York, New York, for support of the International Nickel Company Professorship in Corrosion Science and Engineering.
5. \$21,000.00 from Ohio Lions Eye Research Foundation, Columbus, Ohio, for the Institute for Research in Vision.
6. \$16,000.00 from The Bremer Foundation, Youngstown, Ohio, for its fund in the College of Medicine.
7. \$13,810.54 from Associates of Medicine, Columbus, Ohio, for their General Fund.
8. \$13,698.86 from the American Medical Association, Chicago, Illinois, for the Faculty Seminar on Medical Education.
9. \$13,582.58 from the Producers Livestock Association, Columbus, Ohio, for the establishment of the Producers Livestock Association Scholarship Fund.

Producers Livestock Association Scholarship Fund

The Producers Livestock Association Scholarship Fund was established September 2, 1971, by the Board of Trustees of The Ohio State University with gifts to The Ohio State University Development Fund from the Producers Livestock Association, Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.



IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

9. Producers Livestock Association Scholarship Fund (continued)

All annual income is to be used to support a scholarship for one or more students enrolled in the College of Agriculture and Home Economics, who are also members of the Agricultural Honors Program, who have attained at least a junior standing; they may be members of the combined Agriculture-Graduate Program leading to simultaneous bachelor's and master's degrees; and they must be applying for an undergraduate research scholarship.

Applicants for this scholarship or scholarships must submit research proposals to the College Honors Committee which is to recommend awardees to the University's Scholarship Committee.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever determined by the Board of Trustees, with preference being given to recommendations from the Dean of the College of Agriculture and Home Economics.

10. \$12,670.00 from Ohio Lions Research Foundation, Springfield, Ohio, for research in the College of Optometry.
11. \$11,900.00 from the Trust under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.
12. \$10,605.13 from Mr. Tom Kyle, Sr., Tipp City, Ohio, for the L. C. Chadwick Research Fund.
13. \$10,000.00 from Samuel Mendel Melton Foundation, Columbus, Ohio, for the Jewish Philosophy Professorship.
14. \$10,000.00 from Parke, Davis and Company, Detroit, Michigan, for research in the College of Medicine.
15. \$8,500.00 from the Tuberculosis Society of Columbus and Franklin County, Columbus, Ohio, to support a fellowship in Medicine.
16. \$6,640.00 from G. D. Searle and Company, Chicago, Illinois, for gastroenterology research.
17. \$6,400.00 from Ross Laboratories, Columbus, Ohio, for graduate research in dairy food chemistry.
18. \$5,524.40 from the Estate of Doris M. Risley, Columbus, Ohio, for scholarships in the School of Home Economics.

September 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

19. \$5,000.00 from John J. and Elizabeth O'Neill, Newark, Ohio, for the establishment of The John J. and Elizabeth O'Neill Scholarship Fund.

The John J. and Elizabeth O'Neill Scholarship Fund

The John J. and Elizabeth O'Neill Scholarship Fund was established September 2, 1971, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from John J. and Elizabeth O'Neill, Newark, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more scholarships for undergraduate and/or graduate students attending the Newark, Ohio, Campus, who have demonstrated academic ability and need for financial assistance. The selection of the recipient is to be made by the University Scholarship Committee upon the recommendation of the Director of the Newark Campus.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever at the Newark Campus as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for scholarships. Should the Newark Campus become a separate College or University, it is the understanding of the donors that this gift would be transferred to that College or University.

20. \$5,000.00 from General Motors Research Laboratories, Warren, Michigan, to establish a research fund in the Department of Metallurgical Engineering.
21. \$5,000.00 from Organon, Inc., West Orange, New Jersey, for renal disease research.
22. \$5,000.00 from Rohm & Haas Company, Philadelphia, Pennsylvania, for the Rohm and Haas Company Fund in Chemistry.
23. \$5,000.00 from Southgate Development Corporation, Newark, Ohio, to establish an endowed scholarship for the Newark Campus.
24. \$5,000.00 from The Upjohn Company, Kalamazoo, Michigan, for infectious disease research.

September 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

25. \$5,000.00 from Maurice A. Young, Youngstown, Ohio, to be used by the Frank E. and Mary W. Pomerene Professor for whatever purpose deemed necessary.
26. \$2,164.06 from Lowry W. Harding for the establishment of The Dr. Lowry W. Harding Fellowship Fund.

The Dr. Lowry W. Harding Fellowship Fund

The Dr. Lowry W. Harding Fellowship Fund was established September 2, 1971, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Lowry W. Harding, Ph. D. 1941, a Professor in the Elementary Education Division of the College of Education.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide one or more graduate fellowships for doctoral students at The Ohio State University majoring in elementary education, who exhibit continuing professional interest in the improvement of mathematics instruction in elementary schools and in preparation of prospective elementary school teachers. The selection of the recipient is to be made upon the recommendation of the Graduate Program Committee of the EMCE Faculty, its successor or equivalent, in consultation with the senior EMCE Faculty member working in mathematics education. In the event that a fellowship is not awarded in any given year, the annual income is to be added to the principal of the fund.

Should the need for these fellowships cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for elementary education.

27. \$2,059.31 from the family and friends of the late Harold E. Shoemaker and the late Ray Allen Linville for the establishment of the Linville-Shoemaker Scholarship Fund.

Linville-Shoemaker Scholarship Fund

The Linville-Shoemaker Scholarship Fund was established September 2, 1971, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from the family

September 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

27. Linville-Shoemaker Scholarship Fund (continued)

and friends of the late Harold E. Shoemaker, M.S. '52, Ph.D. '59, Worthington, Ohio, and the late Ray Allen Linville, B.Sc. Agr. '49, M.S. '50, Worthington, Ohio, Associate Professors in the College of Agriculture and Home Economics at the time of their deaths on November 13, 1969.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide scholarships for one or more sophomore or junior students enrolled in the College of Agriculture and Home Economics and majoring in Agronomy, who exemplify professional attitude and devotion to Agronomy and who have outstanding academic records. The scholarship awards are to be made by the University Scholarship Committee, upon the recommendation of the Dean of the College of Agriculture and Home Economics and the Chairman of the Department of Agronomy.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, or should the Agronomy Department cease to exist through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for agronomy education.

28. \$1,291.63 from family, faculty, students, and friends of Robert B. Miner for the establishment of the Robert B. Miner Memorial Fund.

Robert B. Miner Memorial Fund

The Robert B. Miner Memorial Fund was established September 2, 1971, by the Board of Trustees of The Ohio State University with gifts through the Development Fund from family, faculty, students, and friends to honor the memory of Robert B. Miner, Ph.D. '48, Professor of Marketing in the College of Administrative Science 1946 to 1971, and Chairman of the Department of Business Organization 1958 to 1968.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

September 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. Received Through The Ohio State University Development Fund (continued)

28. Robert B. Miner Memorial Fund (continued)

The annual income is to be used to support young faculty members and graduate students in marketing in attending meetings of learned societies and associations or in other professional development activities as recommended by the Chairman of the Faculty of Marketing with concurrence of the Dean of the College of Administrative Science.

Should the need for these purposes cease to exist or so diminish as to provide unused income or should the College of Administrative Science cease to exist, through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for education in marketing.

TOTAL - Received Through The Ohio State University Development Fund  
\$356,102.48

C. Establishment of New Fund from Previously Reported Gift

Florence O. Wilson Fund

The Florence O. Wilson Fund was established September 2, 1971, by the Board of Trustees of The Ohio State University with a gift through The Ohio State University Development Fund from Miss Florence O. Wilson, Oklahoma City, Oklahoma.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees, with the right to invest and reinvest as occasion dictates.

The annual income and/or principal is to be used in the development of the University's Ernest Q. Moores Demonstration Farm, which was given to the University by Miss Wilson and which is operated by the College of Agriculture and Home Economics.

Upon motion of Dr. Sirak, seconded by Mr. Dorsey, the acceptance of the foregoing grants and gifts and the establishment of the above-named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

September 2, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Report from The Ohio State University Development Fund

1. Month of June, 1971

In June, 1971, the Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	3,405	\$ 90,911.70
Individuals Other than Alumni	422	95,588.32
Business Concerns	110	74,936.92
Foundations and Nonprofit Organizations	55	146,051.62
	<u>3,992</u>	<u>\$407,488.56</u>

2. Month of July, 1971

In July, 1971, the Development Fund received gifts on behalf of the University as follows:

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	2,757	\$ 80,926.15
Individuals Other than Alumni	204	70,144.77
Business Concerns	42	106,628.68
Foundations and Nonprofit Organizations	63	69,708.77
	<u>3,066</u>	<u>\$327,408.37</u>

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V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization, all extra and credit orders to contracts which have been completed were reported:

A. Lazenby Hall, Remodeling of Library and Faculty Research Laboratories

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 74,377.00	\$ 77,923.20	\$ 3,546.20

The changes on this project represent deviations from the original specifications due to conditions found during process of construction.

September 2, 1971 meeting, Board of Trustees

V. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

A. Lazenby Hall, Remodeling of Library  
and Faculty Research Laboratories (continued)

Funds for this project have been provided by a transfer from Budget Account 149997 (New Programs Reserve) to Budget Account 801207 (Horticulture Building Remodeling).

B. University Hospital, Electrical Distribution in Patient Areas

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 33,200.00	\$ 38,197.00	\$ 4,997.00

The changes made on this project were necessary because of structural conditions not apparent at the time of design.

Funds for this project have been provided by a transfer from Hospital Rotary to Budget Account 801216 (Hospital Air Conditioning).

C. Laboratory Animal Facility Center (Sanitary Sewer)

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 87,550.07	\$ 89,068.19	\$ 1,518.12

The changes on this project were made necessary because of easement agreements completed after contracts were awarded to provide for additional sanitary stubs to the main sewer line to satisfy property owners.

Funds for the project have been provided from Budget Account 801021 (Lab Animal Facility Center) and Budget Account 801144 (Lab Animal P. H. S. ).

D. Telecommunications Center

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$5,118,760.50	\$5,171,886.29	\$53,125.79

During construction, manufacturers of the video tape specified recommended 30% less humidity than had been included in the original specifications. Therefore, an air dryer was added on the return air unit serving the Film and Video Tape Rooms to maintain relative humidity in the rooms.

Funds for this project have been provided from Budget Account 801035 (Center for Tomorrow).

September 2, 1971 meeting, Board of Trustees

V. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

E. University Hospital, Replacement of Main House Pump

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 14,750.00	\$ 15,056.70	\$ 306.70

During the construction of the job it was necessary to move the 8" valve 90° from its existing position for convenience of maintenance operation. Also, the pressure sensor was moved further from the pump to obtain a better reading.

Funds for this project have been provided by a transfer from the Hospital Rotary to Budget Account 801216 (Hospital Air Conditioning).

F. Starling Loving Hall, Modernization of Electrical System in "A" Wing

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 27,949.00	\$ 30,929.29	\$ 2,971.29

This change was necessary to install additional circuit breakers in new panels, relocation of panels and/or feeders because of structural conditions unforeseen at the time the engineering plans were drawn.

Funds for this project have been provided by a transfer from the Hospital Rotary to Budget Account 801156 (Starling-Loving Electrical System).

G. Means Hall, Ventilation System Improvements - Phase I

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 62,307.00	\$ 63,082.00	\$ 775.00

During the construction of the job a preventative maintenance caulking material was selected by the engineers than was originally called for in the specifications.

Funds for this project have been provided by a transfer from Budget Account 809998 (Hospital Capital Reserve) to Budget Account 801224 (Air Conditioning Means Hall).

Upon motion of Mr. Hilliker, seconded by Mr. Eckley, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations was ratified by unanimous roll call vote.

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September 2, 1971 meeting, Board of Trustees

## VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Administrative Operations, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Goss Laboratory, Renovation of Rooms 219, 219A, 231A, and 231B

This project involves the complete renovation of existing laboratory space.

Funds for this project have been provided from Budget Account 125908 (Veterinary Medicine Special) and transferred to Budget Account 801183 (Goss Laboratory Remodeling).

B. Journalism Building Expansion

This project involves a new three-story addition plus the addition of a third floor over the existing building which will add needed space for the School of Journalism and related communicative arts program of the College of Social and Behavioral Sciences.

The implementation of this project is subject to the reappropriation by the Legislature of funds from H. B. 531 to the Capital Improvements Bill for 1971-73.

Upon motion of Mr. Dorsey, seconded by Mr. Eckley, the above recommendations were approved by unanimous roll call vote and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Lachner was directed to proceed with a request for bids in the normal University manner and if satisfactory bids were received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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## VII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. University Hall

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (7 bids received 7-6-71)		
Wm. O'Rourke Wrecking Co. (Cincinnati, Ohio)	\$ 37,345.00	\$ 92,150.00

Funds for this project have been provided by a transfer from Budget Account 809999 (Plant Funds Receivable) to Budget Account 801247 (University Hall Demolition).

September 2, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

B. McCracken Power Plant--13 KV Distribution System Extension

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(4 bids received 7-13-71)		
Jess Howard Electric Co. (Columbus, Ohio)	\$ 30,447.00	\$ 56,424.00

Funds for this project have been provided by a transfer of funds from Budget Account 149996 (Contingency Reserve) to Budget Account 801188 (Primary Electrical Distribution System).

C. Ambulatory Patient Teaching Facility

	<u>Low Bid</u>	<u>Revised Est. of Cost</u>
<u>Laboratory Casework Contract (Rebid)</u>		
(2 bids received 7-15-71)		
Kewaune Scientific Corporation (Adrian, Michigan)	\$203,500.00	\$275,000.00

Funds for this project have been provided from a P.H.S. Federal Grant and Item 315-016 (Medical Complex), H. B. 531.

D. Classroom Buildings--Installation of Fire Alarm Systems

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u>		
(7 bids received 7-23-71)		
S & S Electric Company (Columbus, Ohio)	\$ 19,500.00	\$ 36,000.00

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

E. Fomerene Hall Women's Swimming Pool--Remodeling  
of Roof and Ceiling and Lighting Improvements

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(4 bids received 8-23-71)		
Edward A. Werner Maintenance Co. (Columbus, Ohio)	\$ 19,650.00	\$ 20,637.00
<u>Electrical Contract</u>		
(4 bids received 8-23-71)		
McKown Electric Company (Mt. Vernon, Ohio)	2,490.00	4,000.00
<u>Total Contracts</u>	<u>\$ 22,140.00</u>	<u>\$ 24,637.00</u>

September 2, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

E. Pomerene Hall Women's Swimming Pool--Remodeling  
of Roof and Ceiling and Lighting Improvements (continued)

Funds for this project have been provided from Budget Account 124358  
(Contract Repair).

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the above award of  
contracts and expenditure of funds were approved and the action of the Vice  
President for Administrative Operations ratified by unanimous roll call vote.

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VIII. CONTROLLING BOARD REQUESTS

Each numbered request shown below accomplishes the following purpose:

- 40 Approves the transfer and release of \$232,790.00 from Item 315-016  
"Medical Complex" to Item 315-077 "Clinical Medical Sciences Edu-  
cation Facility," H. B. 531, to provide funds for architect's fees for  
the project "Clinical Medical Sciences Education Facility."
- 41 Approves the release of \$333,800.00 from Item 315-074 "Utilities and  
Renovation," H. B. 531, to provide funds for the project "Renovation  
of Cockins Hall."
- 42 Approves the release of \$2,360,000.00 from Item 315-068 "College of  
Agriculture: Land, Barns and Teaching Facilities," H. B. 531, to  
provide funds for the project "Animal Science Livestock Center."

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IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Airport Development - 1971

In making an application for grant funds for Airport Development under the  
Federal Aviation Administration Federal Aid Program Airport Develop-  
ment, this Board is required to approve the following resolution:

BE IT RESOLVED, that the Board of Trustees authorizes and directs  
that an application be filed with the Federal Aviation Administration  
Federal Aid Program Airport Development for a grant to support the  
expansion of the University Airport; and

BE IT FURTHER RESOLVED, that the Board designate Novice G. Fawcett,  
President of The Ohio State University, as the person authorized to file this  
application and act as the representative of the University in all matters  
relating to this application and Bernard J. Lachner, Vice President for  
Administrative Operations, as the alternate; and

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

A. Airport Development - 1971 (continued)

BE IT FURTHER RESOLVED, that the Board of Trustees of The Ohio State University, being cognizant of the conditions under which such grant funds are approved, authorize the Vice President for Administrative Operations to proceed in the normal University manner to employ an engineer to develop schematic plans which are required for such an application with funds for this service to be supplied in an amount not to exceed \$25,000.00 and to be provided by a transfer from Budget Account 809999 (Plant Funds Receivable) to Budget Account 801249 (Airport Development) with the understanding that these funds will be reimbursed from the Federal Grant upon approval.

Upon motion of Mr. Gushman, seconded by Mr. Eckley, the Board of Trustees adopted the foregoing resolution by unanimous roll call vote.

Preceding the recommendation providing for bonding for the Treasurer of The Ohio State University, Mr. Hilliker made a motion that Mr. Ernest W. Leggett be named Treasurer to replace Mr. Gordon B. Carson. The motion was seconded by Mr. Dunlap.

B. Treasurer's Bond - Required by Section 3335.05  
Ohio Revised Code

Section 3335.05 of the Ohio Revised Code requires that the Treasurer of The Ohio State University give bond to the State of Ohio in such sum as the Board of Trustees determines.

President Fawcett recommended that the bond of Ernest W. Leggett, Treasurer of The Ohio State University, as required by Section 3335.05 of the Ohio Revised Code, be set at \$500,000.00.

Upon motion of Mr. Eckley, seconded by Mr. Hilliker, the above recommendation was approved by unanimous roll call vote.

C. Gas Line Easement - Columbia Gas of Ohio, Inc.

WHEREAS, on December 4, 1970, the Board of Trustees of The Ohio State University authorized the sale of 12.318 acres to the Ohio Building Authority; and

WHEREAS, as a part of an Agreement of Sale between the Ohio Building Authority and The Ohio State University, the University agreed to provide an easement to Columbia Gas of Ohio, Inc., for the purpose of constructing a gas line to service the National Guard and Department of Commerce hangar facilities being constructed on the lands sold; and

WHEREAS, the University has the right to utilize this gas service for any future facilities in this area;

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

C. Gas Line Easement - Columbia Gas of Ohio, Inc. (continued)

NOW, THEREFORE, BE IT RESOLVED, that the President and/or Vice President for Administrative Operations be authorized to act on behalf of the University to sign the necessary legal instruments to provide for the installation of this gas service.

Upon motion of Mr. Gushman, seconded by Mr. Dunlap, the above resolution was adopted by unanimous roll call vote.

D. Agreement Between The Ohio State University and the Ohio Highway Transportation Research Board

WHEREAS, Amended Substitute Senate Bill 306, enacted by the 108th General Assembly of the State of Ohio, created the Ohio Highway Transportation Research Center and placed this Center under the guidance of the Ohio Highway Transportation Research Board; and

WHEREAS, Section 2 of that bill provided that the Board of Trustees of The Ohio State University should transfer such land as was owned by the State and currently administered by the University for transportation research in Union and Logan Counties to the Ohio Highway Transportation Research Board; and

WHEREAS, the Ohio Highway Transportation Research Board was required by Section 2 of the bill to reimburse the University for any monies advanced for the purchase of such land and that such reimbursement should be credited to the fund or funds from which said monies were advanced; and

WHEREAS, an agreement was entered into between the University and the Ohio Highway Transportation Research Board on February 13, 1970, which provided for the transfer of such lands and the reimbursement and crediting of such funds in accordance with the terms of Amended Substitute Senate Bill 306, enacted by the 108th General Assembly of the State of Ohio; and

WHEREAS, the Ohio Highway Transportation Research Board has reimbursed the University for its advancement of \$1,000,000 for the acquisition of such land by crediting the amount of \$1,000,000 to the Improvements Fund created by Section 129.51, Revised Code, that being the fund or funds from which said monies were advanced;

NOW, THEREFORE, BE IT RESOLVED, that the President of The Ohio State University be authorized to sign a transfer of such State-owned lands on behalf of the University to the Ohio Highway Transportation Research Board, all in accordance with the provisions of Section 2 of the Amended Substitute Senate Bill 306, enacted by the 108th General Assembly of the State of Ohio.

Upon motion of Mr. Dunlap, seconded by Mr. Eckley, the above resolution was adopted by unanimous roll call vote.

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

E. Undergraduate Library and Service Center (Joseph Sullivant Hall) -  
Employment of Engineer

President Fawcett recommended that the engineering firm of W. E. Monks and Company, Columbus, Ohio, be employed to provide complete professional engineering services for plumbing, heating, ventilating and air conditioning, and electrical work for the above project, including design, preparation of drawings, specifications, estimate of cost, and field supervision of construction as required.

The fee for this service will be negotiated on the basis of the standard fee schedule for engineering service by the Ohio Department of Public Works and funds have been provided for this project from Budget Account 801095 (Undergraduate Library); a proposed appropriation in the 1971-73 Capital Improvements Bill, and proposed reappropriation from Item 315-061 (Undergraduate Library), H. B. 828.

Upon motion of Mr. Harrod, seconded by Dr. Sirak, the above recommendation was approved by unanimous roll call vote.

F. Unemployment Compensation - Employment of Management  
Program Consultants

President Fawcett recommended that the Executive Director for Personnel Services be authorized to proceed to employ Gates, McDonald & Company, Columbus, Ohio, as Management Program Consultants in connection with the administration of the unemployment compensation function to be accomplished during the period August 1, 1971, to December 31, 1971, and for the calendar years 1972 and 1973.

The fee for this service will be negotiated not to exceed \$3,640 for the period August 1, 1971, to December 31, 1971, then at an annual rate not to exceed \$40,000 per year for the calendar years 1972 and 1973. Funds for this service will be provided from Budget Account 124710 (Personnel Services).

Upon motion of Mr. Eckley, seconded by Mr. Dorsey, the above recommendation was approved by unanimous roll call vote.

G. Control of Dogs and Other Animals - Amended Rule 61.09

President Fawcett recommended that the Animal Leash Rule Number 61.09, under date of July 31, 1969, as adopted by the Board of Trustees for the University be amended since our experience shows a greatly increased number of animals on the grounds, in buildings, and in housing units resulting in health, nuisance, and cost problems.

Therefore, it was recommended that a revised rule for increased animal regulation, prohibition, and enforcement be enacted. This section shall not apply to seeing-eye dogs when accompanied by their masters nor shall it apply to animals used for approved research or observation in classroom, laboratory, farm, or clinical facilities. All animals other than those specifically excepted are to be leashed.

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

G. Control of Dogs and Other Animals - Amended Rule 61.09 (continued)

Violators will be subject to University discipline for violation of University rules and animals impounded under a \$15 per day charge.

The proposed rule has been reviewed and approved by designated legal counsel.

Section 1. No person, being the owner or keeper, or harboring or having charge of any dog or other animal, shall permit the same upon the grounds of The Ohio State University unless it be under the personal control of its owner or keeper by a leash not more than 6 feet in length. A dog or other animal, leashed but unattended, is not under the personal control of its owner or keeper. Nor shall such a person, being the owner or keeper, or harboring or having charge of any dog or other animal, permit the same in any University building or housing. This section shall not apply to seeing-eye dogs when accompanied by their masters nor shall it apply to animals used for approved research or observation in classroom, laboratory, farm or clinical facilities.

Section 2. Any dog or other animal found upon the grounds of The Ohio State University or in or upon any University building, except as permitted pursuant to the provisions of Section 1 hereof, may be taken into custody and impounded by University authorities. The University shall hold such dogs or other animals in an impounding facility on the grounds of the University for at least 36 hours, after which time the University will turn the same over to the Humane Society for disposition.

Section 3. Any suspected rabid dog or other animal shall be held in isolation under observation by a person and in a place suitable to University officials for a period of at least 10 days after such animal is taken into custody in order to determine the definite development of rabid symptoms or for such further period as an examining veterinarian may deem necessary.

Section 4. The owner or keeper of any dog or animal impounded by University officials pursuant to this rule shall pay to the University for costs incurred in the impounding of such animal a fee of \$15 per day or any part thereof that the animal is held in University facilities plus any reasonable charges for registration and inoculation against rabies in accordance with Chapter 955, Ohio Revised Code, and Chapter 707, Columbus City Code, and provided that the total charge to the owner imposed by the University for any animal held for more than two days pursuant to Section 3 herein shall not exceed \$50. No dog or other animal may be released without proof of such registration and inoculation.

Section 5. The term animals, as used in this rule, shall include all kinds of animals, fish, fowl, reptiles, and amphibians, whose natural characteristics or actions may damage University property, create a disturbance or otherwise interfere with or disrupt normal University activities.

Upon motion of Mr. Harrod, seconded by Mr. Hilliker, the above recommendation was approved by a seven to one roll call vote, with Mr. Dunlap casting the negative vote.

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

G. Control of Dogs and Other Animals - Amended Rule 61.09 (continued)

In discussing the motion Mr. Dunlap indicated that he was quite reluctant to support the motion as he could appreciate the point of view expressed by Mr. Rosenberg. He noted that he could also appreciate the problem of permitting the dogs to run unleashed.

Dr. Sirak raised the possibility of permitting dogs to run on a portion of the athletic fields.

Dr. Moulton said that the students living in the dormitories used the athletic fields for recreational purposes and that these two uses were not compatible.

President Fawcett said that this revised rule had been carefully reviewed with legal counsel and compared with a number of dog ordinances at other universities and that this seemed to offer a moderate approach to this growing problem.

H. Completion of 3rd Floor - Center for Tomorrow,  
Employment of Engineers

President Fawcett recommended that the engineering firm of Heapy and Associates be employed to provide complete professional engineering services for plumbing, heating, ventilating and air conditioning, and electrical work for the completion of the 3rd floor of the Center for Tomorrow, including design, preparation of drawings, specifications, estimate of cost, and periodic field supervision of construction as required. Through private contributions it will now be possible to provide additional revenue producing guest rooms which were deleted from the original structure because of a limitation of funds.

The fee for this service will be negotiated based upon the estimated cost of the Mechanical and Electrical work. Funds have been provided from Budget Account 522374 (Center for Tomorrow Fund).

Upon motion of Mr. Gushman, seconded by Mr. Hilliker, the above recommendation was approved by unanimous roll call vote.

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X. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Earl Hayes Baxter, Professor Emeritus in the Department of Pediatrics; Ernest R. Biggs, Associate Professor in the School of Health, Physical Education and Recreation, and Head Athletic Trainer in the Department of Athletics; Mikhail V. Condoide, Professor Emeritus in the Department of Economics; William Eugene Dickerson, Professor Emeritus in the College of Administrative Science - Faculty of Accounting; Willard Frost Guard, Professor Emeritus in the College of Veterinary Medicine; Florence McBride, County Extension Agent Emeritus, Home Economics, Cooperative Extension Service; and William E. Warner, Professor Emeritus in the College of Education. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.



September 2, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

A. Earl Hayes Baxter

The Board of Trustees of The Ohio State University expresses its sorrow at the death on July 16, 1971, of Earl Hayes Baxter, M. D., Professor Emeritus in the Department of Pediatrics.

Dr. Baxter was born in Mt. Vernon, Ohio, September 9, 1892, the son of Charles Chase and Etheline Hayes Baxter. He spent his boyhood days on a farm and attended a one-room school in his early youth. After graduating from high school in 1910, he taught at a country school near Mt. Vernon for a brief period. He received his Bachelor's degree in 1915 and his Doctor of Medicine degree in 1918, both from The Ohio State University.

Dr. Baxter had postgraduate training at the University of Michigan, Philadelphia Children's Hospital, Rush Medical College, and in 1936, in the Vienna Clinics. He started his practice of pediatrics in Columbus in 1921 and throughout the years until his last illness maintained a busy schedule of practice and consultation. He joined the faculty of The Ohio State University in 1918 and continued teaching until he became Professor Emeritus in 1963. In 1941, when the Department of Pediatrics was established in the College of Medicine, Dr. Baxter became Professor of Pediatrics and the first Chairman of the Department. He served as Chief of Staff at Children's Hospital from 1939 to 1963, and from 1937 to 1963 he was Chief of Pediatric Services at the University Hospital. He was certified by the American Board of Pediatrics in 1937 and had membership in many professional societies including the American Academy of Pediatrics and the Midwest Society for Pediatric Research. He was President of the Academy of Medicine in Columbus and Franklin County in 1955 and was selected as Man of the Year by the Class of 1961 in the College of Medicine.

Dr. Baxter was one of the early pediatricians in Central Ohio and was a pioneer in the development of the Department of Pediatrics and of the Columbus Children's Hospital. He bridged the transition from the old to the new in the College of Medicine and after the Department of Pediatrics was established under his leadership it flourished and grew into a major medium for education and research in child health. His guidance was instrumental in the rapid growth of Children's Hospital to the present status of a nationally recognized institution for child care and a center for teaching medical personnel and those entering allied professions.

Earl Baxter had more responsibilities and demands upon his time than most, but he was never too busy to take time from his administrative chores, teaching responsibilities, or practice to give his whole attention to the personal problems of a young student or resident, a colleague or the family of a sick child. His warmth of personality, his vigor and decisiveness and, most of all, his concern for young people, whether they were children under his care or students preparing for the health professions, are legendary. Earl Baxter looked out for the interests of his dominions when to him it seemed necessary. He was one to change the schedule of a busy day to visit the Dean or a Vice President or the President of a corporation if he sensed an inattention to his department or a need at the hospital.

September 2, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

A. Earl Hayes Baxter (continued)

The Department of Pediatrics of the College of Medicine, the Columbus Children's Hospital, the countless physicians who came under his influence in the College of Medicine, and the pediatricians who went through the training program in the Department of Pediatrics, as well as the thousands who were his patients, are monuments to his deep involvement in the health and well being of all with whom he had contact. His energy, humor, and deep interest in people are engrained in the memories of those who knew him.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

B. Ernest R. Biggs

The Board of Trustees of The Ohio State University expresses its sorrow at the August 7, 1971, death of Ernest R. Biggs, Associate Professor in the School of Health, Physical Education and Recreation, and Head Athletic Trainer in the Department of Athletics.

Nationally recognized as one of the top men in his field, in the care and prevention of athletic injuries, Mr. Biggs has been associated with The Ohio State University since his undergraduate student days.

The son of a Methodist minister, "Ernie" was born in Texas, November 28, 1916. He moved to West Liberty, Ohio, at an early age and it was here that he took his formal schooling. He entered The Ohio State University in the fall of 1935 and received his B.S. degree in 1939. As an undergraduate, he served as a student assistant trainer for three years.

Following his graduation, he was appointed full-time assistant trainer in 1939 and remained in the employ of the Department of Athletics until his death, save for a year in the Dean of Men's Office, while taking graduate work in 1941. He earned a M. A. degree in 1941.

In 1942 Mr. Biggs was named head athletic trainer, a position he held with distinction.

Quiet, efficient, understanding, dedicated, and extremely capable - this would be a way of describing Ernie's unusual charisma. He liked people and he understood them and his compassion for his fellowman was always discernible. He especially liked athletes, and he devoted his life to caring for them.

During his many years at The Ohio State University, Ernie worked with nearly every varsity athlete and with all the varsity coaches. The unusual esteem and respect shown for Mr. Biggs is mute tribute to his ability and character.

X. RESOLUTIONS IN MEMORIAM (continued)

B. Ernest R. Biggs (continued)

Ernest Biggs did much to upgrade the athletic training profession. He held a patent on a special knee support and he developed an ankle brace which he also patented. He co-originated a conditioning spat, containing variable weights, that is used by countless athletes. He conducted numerous clinics throughout the country and became a recognized authority on the care and prevention of athletic injuries. Mr. Biggs served on the Board of Directors of the National Athletic Trainers' Association and was one of eight U. S. trainers in the 1964 Olympic Games in Tokyo.

On behalf of the University at large, the Board of Trustees expresses its deep sympathy to the family. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy.

C. Mikhail V. Condoide

The Board of Trustees of The Ohio State University expresses its sorrow at the death on August 6, 1971, of Mikhail V. Condoide, Professor Emeritus in the College of Social and Behavioral Sciences--Department of Economics.

Professor Condoide was born September 29, 1898, as Mikhail Vladimirovitch Kondoidy, of an aristocratic Russian family, in Samara, Russia, where his father, later Governor of Moscow in World War I and Member of the Imperial Council, was Governor of the Province of Samara. Young Mikhail's education was interrupted by World War I, but before entering the war as a cavalry Lieutenant in the Fourth Uhlans of Kharkov, he had graduated from the Imperial College of Alexander I in St. Petersburg and from the Emperor Nicholas Cavalry Academy. During the Russian Civil War Professor Condoide served as a Staff Lieutenant in the White Russian Army until his unit was evacuated from the Crimea into Turkey in 1919. He worked his way to Vienna and then to Paris where, as a young Russian Emigre, he resided with an aunt, worked at various occupations, and studied at the Sorbonne.

In the late 20's, Dr. Condoide emigrated to the United States and in 1929 married Jessie Morrey, talented daughter of the late Dr. Charles B. Morrey, distinguished Professor of Anatomy and Bacteriology at The Ohio State University for many years. Dr. Condoide enrolled at The Ohio State University and earned, successively, the B. A. degree, and graduate degrees in economics of M. A. and Ph. D., the last in 1949.

Professor Condoide first became a member of The Ohio State University staff in 1938 as a Research Assistant in the Bureau of Business Research. He served in the Bureau until 1963, but began teaching in the Department of Economics in 1942. He was appointed Associate Professor of Economics in 1955, Professor in 1960, and Professor Emeritus in 1969.

September 2, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

C. Mikhail V. Condoide (continued)

Professor Condoide was multi-lingual, being fluent in Russian, French, and English. With Russian his native tongue it was natural that within his academic field of International Trade and Finance he should make Soviet Economics his major specialty, and that he should distinguish himself in this field, becoming internationally known for his works on the Soviet financial system and foreign trade. He was an able teacher and by the breadth of his knowledge and the intensity of his presentation contributed to the understanding of socialist and especially Soviet economics of a generation of students. Dr. Condoide was especially known for his writings which were in a polished, concise, and extraordinarily lucid English. His books, Russian American Trade and, particularly, The Soviet Financial System, are examples of the perfection of his literary style. In addition to articles and book reviews, a final contribution to the literature in his field was his co-editorship of Soviet Foreign Relations and World Communism, published in 1965 by Princeton University Press.

In all of his teachings and his analyses of Soviet economic policies and trends, Professor Condoide maintained an attitude of complete objectivity and scholarly detachment. Where a lesser man might have been embittered and biased by his experience during the Russian Revolution and the violent severance of his patrimony and position, Professor Condoide was able to view this social and political upheaval and his own fortunes in a larger perspective. In fact, it was apparent that he had great sympathy for the deprivations of the Russian masses and the egalitarian aims of the Revolution, if not its methods.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

D. William Eugene Dickerson

The Board of Trustees of The Ohio State University expresses its sorrow at the death on July 13, 1971, of William Eugene Dickerson, Professor Emeritus in the College of Administrative Science - Faculty of Accounting.

Professor Dickerson was born in Chicago, Illinois, on February 3, 1897. He received his B. B. A. degree in 1921, and his M. B. A. degree in 1923 from the University of Washington. He obtained his Ph. D. degree from the University of Chicago in 1926. Before coming to The Ohio State University, he also held academic positions at the University of Chicago, University of Kentucky, and University of Pittsburgh. Coming to The Ohio State University as an Assistant Professor in 1929, he advanced to Professor in 1946.

September 2, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

D. William Eugene Dickerson (continued)

Professor Dickerson, a Certified Public Accountant in Ohio since 1933, served as a consultant and was joint author of books on federal income taxes, and state and local taxes. He also contributed articles to professional journals. His research studies included studies in tax compliance cost, operating costs in the retail drug trade, excise profits, tax refunds claims, and the organization and control of The Illinois Bell Telephone.

In addition to a full career in University teaching, Professor Dickerson was called upon to serve on University councils and committees. Throughout his active career, he was continuously involved in educational and professional organizations in his field of specialization. In 1951, he served as national president of Beta Alpha Psi. In 1961-62, he was vice president of the American Accounting Association.

A recognized authority in the field of income taxation in Ohio and nationally, Professor Dickerson as a member of the Committee on Federal Taxation of the American Institute of Certified Public Accountants in 1959 was one of eight persons designated to testify before the Tax Writing Committee of the House Ways and Means Committee. He was largely responsible for the acceptance of the concept of "Income Averaging" in the present Federal Income Tax Law.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

E. Willard Frost Guard

The Board of Trustees of The Ohio State University expresses its sorrow at the death on July 12, 1971, of Dr. Willard Frost Guard, Professor Emeritus in the College of Veterinary Medicine.

Dr. Willard Frost Guard was born January 29, 1890, on a farm near North Bend, Ohio. He attended The Ohio State University receiving his Doctor of Veterinary Medicine degree in 1912. From 1912 to 1913 he served as house surgeon in the College and from 1913 to 1914 he operated a private practice. In 1914, Dr. Guard joined the staff of the Veterinary College at Iowa State University where he advanced in rank from Assistant Professor to Head of the Department of Surgery and Director of Clinics, a position he held until 1929. Later in 1929, he joined the staff of his Alma Mater as Professor and Head of the Department of Surgery and Clinics in which capacity he remained until 1947. From 1947 to 1957, he served as Professor and Chairman of the Department of Surgery and from 1957 to 1958, he served as a Professor. In 1958, he was appointed technical advisor to the College of Veterinary Science and Animal Husbandry in Bikaner, India. After eighteen months service in India, he returned to The Ohio State University just prior to his retirement on July 1, 1960.

September 2, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

E. Williard Frost Guard (continued)

In addition to his busy career, Dr. Guard was an active member of the Upper Arlington City Board of Health from 1944 to 1958 and served as Deputy Health Commissioner from 1955 to 1956.

His endeavors included membership in many local, state, and national professional organizations. He represented veterinary surgery at the International Veterinary Congress in 1934 and was President of the Ohio State Veterinary Medical Association in 1938. He was a member of Sigma Xi, Phi Kappa Phi, Phi Zeta and was awarded the "Gamma Key" of the Omega Tau Sigma Fraternity in 1953. He was an organizer and first president of the Equine Practitioners Association of America.

For his broad interest and contribution to the profession of veterinary medicine, for his fine leadership in the field of clinical medicine, and for his sincere interest in teaching and the maintenance of high standards of education, the faculty of the College of Veterinary Medicine, The Ohio State University, conferred upon Dr. Willard F. Guard the Distinguished Alumnus Award in June, 1971.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Guard its deep sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

F. Florence McBride

The Board of Trustees of The Ohio State University expresses its sorrow at the death on May 14, 1971, of Mrs. Florence McBride, County Extension Agent Emeritus, Home Economics. Mrs. McBride served as Home Economics Agent in Mahoning and Athens Counties.

Mrs. McBride was born December 17, 1895, near Summerfield, Ohio. She attended school in Monroe County and was graduated from Woodsfield High School in 1916. She attended Ohio University, Athens, Ohio, where she received a Bachelor of Science in Education degree in 1926. She taught school in Monroe, Noble, and Athens Counties, and served as Home Demonstration Agent in West Virginia for one year. Mrs. McBride was appointed Home Demonstration Agent in Mahoning County in 1927 and served there until she resigned in 1943. She returned to the employment of the Cooperative Extension Service in 1950 when she was appointed County Extension Agent, Home Economics in Athens County. She served in Athens County until her retirement in 1961.

During her career as a faculty member of the Ohio Cooperative Extension Service, Mrs. McBride was highly respected by the people with whom she worked in both Mahoning and Athens Counties as well as by her co-workers throughout Ohio. She was an excellent teacher and developed many outstanding programs for the families with whom she worked.

September 2, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

F. Florence McBride (continued)

Among the honors she received was the Distinguished Service Award from the National Home Demonstration Agents Association in 1958. Mrs. McBride was also honored by the Ohio County Extension Agents Association and Epsilon Sigma Phi, national extension fraternity in 1958. She served as chairman of the Ohio Home Economics Agents in 1956.

On behalf of the University community, the Board of Trustees expresses to the husband of Mrs. McBride its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be sent to Mr. McBride as a sincere expression of the Board's realization of the loss which he and the University have sustained.

G. William E. Warner

The Board of Trustees expresses its sorrow at the death on July 11, 1971, of William E. Warner, Professor Emeritus in the College of Education.

Dr. Warner was born in Roanoke, Illinois, on August 22, 1897. He received his baccalaureate degree at the University of Wisconsin in 1923. In 1924 he received a M.S. degree from that same institution. His Ph. D. degree was received from Columbia University in 1928.

Dr. Warner taught five years in the public schools of Wisconsin and New York, pioneering the general shop concept, a new departure from the unit shops which were a product of early manual training. In 1925, he was appointed an Assistant Professor in the Department of Education at The Ohio State University. He was subsequently awarded the titles of Associate Professor and Professor, being accorded the title of Professor Emeritus upon his retirement in 1967. During this tenure he pioneered both the laboratory of industries and the curriculum to reflect technology.

Dr. Warner founded Epsilon Pi Tau in 1929, serving as executive secretary until 1970. From Ohio State's Alpha Chapter, this honorary fraternity has grown to a world-wide organization of more than eighty chapters with more than 20,000 members. Dr. Warner also was the founder and first president in 1939, of the American Industrial Arts Association, a department of the National Education Association. Throughout his distinguished career, Dr. Warner promoted educational leadership through graduate instruction and advisement. He served as major adviser to about fifty recipients of the Ph. D. degree from The Ohio State University, plus more than one hundred and thirty-five candidates for the master's degree.

Dr. Warner was a veteran of World War I and World War II, rising to the rank of Lieutenant Colonel in the Army. He was assigned to General Eisenhower's staff at SHAEF in London and Versailles. After returning to the University at the close of World War II, he took a leave of absence in 1950 to accept the post of Ohio Civil Defense Director. In April, Dr. Warner was the recipient of a special tribute from the American Industrial

September 2, 1971 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

G. William E. Warner (continued)

Arts Association, and a plaque memorializing his contributions to the association is displayed in the national headquarters in Washington, D. C. Just the week before his death, the Ohio Legislature commended him as one of Ohio's exemplary citizens for his outstanding career as an educator, speaker, author, consultant, organizer, and developmental leader.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family of Dr. Warner as a humble expression of the Board's heartfelt sympathy in its bereavement.

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XI. REPORTS

A. Reports from the Finance and Investment Committee

1. Construction of Office Building on Kenny Road for Use of the Center for Vocational and Technical Education

In accordance with authorization provided by the Finance and Investment Committee bids have been taken on the above project and it is recommended that a lump sum contract be awarded to Six Industries, Inc. (Springfield) in the amount of \$992,000 for the construction of a shell building complete with all services. Additional interior work will be in accordance with unit prices included in the bid. Total project costs are not to exceed \$1,150,000.

Funds will be provided from the Investment Portfolio.

Upon motion of Mr. Hilliker, seconded by Mr. Dunlap, the above award of contract was approved by unanimous roll call vote.

2. Appropriations for University Administrative Officials

Mr. Hilliker moved that the amounts to be appropriated from the unrestricted interest on endowment funds in the University Treasury to certain principal administrative officers of the University for the purpose of carrying out their administrative responsibilities during the fiscal year 1971-1972 be as follows: (1) to the President, \$10,000.00; (2) to each of the persons holding the following titles, \$1,000.00 - Executive Vice President; Acting Provost and Acting Vice President for Academic Affairs; Vice President for Administrative Operations; Executive Assistant to the President and Secretary



September 2, 1971 meeting, Board of Trustees

XI. REPORTS (continued)

A. Reports from the Finance and Investment Committee (continued)

2. Appropriations for University Administrative Officials (continued)

to the President's Cabinet; Vice President for Student Affairs; Vice President for University Development; Vice President for Educational Services; Vice President for Medical Affairs; Vice President for Regional Campuses and Dean of the University College and (3) an additional amount of \$3,000.00 to be allocated at the discretion of the President for such costs as may be incurred by the administrative officers as they, by direction, further the fiscal progress of the University.

The above motion was seconded by Mr. Eckley and approved by unanimous roll call vote.

3. Abandonment of the Women's Self-Government Association Residence Hall (Ann Tweedale House) and the George Wells Knight House as Dormitory Facilities

The Women's Self-Government Association Residence Hall (Ann Tweedale House) and the George Wells Knight International House were named in Section 1601 of the Dormitory Trust Agreement as "dormitory facilities" and have been operated jointly by the Office of Student Affairs and the Division of Business and Finance as student aid facilities and to provide for special needs of International Students.

As a result of the reorganization of the Residence Halls operation and since the program under which they are operated is not consistent with the use of dormitory facilities under the Trust Agreement, Mr. Hilliker, Vice Chairman of the Finance and Investment Committee, presented the following resolution:

RESOLUTION concerning the abandonment of the Women's Self-Government Association Residence Hall (Ann Tweedale House) and the George Wells Knight House as dormitory facilities pursuant to Section 8.01 of the Original Trust Agreement dated as of April 15, 1957.

WHEREAS, on April 8, 1957, this Board of Trustees adopted the Original Bond Resolution pursuant to which a Trust Agreement dated as of April 15, 1957, between The Ohio State University and this Board and The Ohio National Bank of Columbus, as Trustee, has been entered into (herein called the Original Trust Agreement and, together with First through Fifth Supplemental Trust Agreements, called collectively the "Trust Agreement"), and under which Trust Agreement Dormitory Revenue Bonds, Series A through J, inclusive, of the University have been authorized and issued; and

September 2, 1971 meeting, Board of Trustees

XI. REPORTS (continued)

A. Reports from the Finance and Investment Committee (continued)

1. Abandonment of the Women's Self-Government Association Residence Hall (Ann Tweedale House) and the George Wells Knight House as Dormitory Facilities

WHEREAS, the buildings known as the Women's Self-Government Association Residence Hall (Ann Tweedale House) and the George Wells Knight House are each one of the Dormitory Facilities defined in said Trust Agreement, and this Board has determined that it is for the best interest of the University that the use of said Hall and House as dormitory facilities be discontinued and that they be devoted to other uses of the University; and

WHEREAS, pursuant to Section 8.01 of the Original Trust Agreement authorizing the University to abandon the use of Dormitory Facilities for dormitory purposes upon there being furnished to the Trustee a certificate signed by the President and the Vice President and Business Manager of the University (now its Treasurer), approved by this Board, containing the information required under Section 6(b) of the Original Bond Resolution and showing that after such abandonment there would be one and three-tenths times net income coverage of the maximum principal and interest requirements of all Bonds outstanding which would be required by said Section 6(b); and such certificate having been signed by the said officers of the University and submitted to this Board and attached to this Resolution as Exhibit A (page 229) and made a part hereof;

NOW, THEREFORE, be it resolved by the Board of Trustees of The Ohio State University that:

Section 1. The certificate of the President and Treasurer of the University, attached hereto as Exhibit A, is hereby determined to be in compliance with Section 8.01 of the Trust Agreement and Section 6(b) of the Original Bond Resolution, and said certificate is hereby in all respects approved.

Section 2. The University shall and does hereby abandon and discontinue use of the buildings known as Women's Self-Government Association Residence Hall (Ann Tweedale House) and George Wells Knight House as dormitory facilities pursuant to Section 8.01 of the Original Trust Agreement, effective as of September 7, 1971, and after said date said buildings shall not be deemed to be one of the Dormitory Facilities for the purposes of the Trust Agreement.

Section 3. The Secretary of the Board of Trustees is hereby directed to cause to be delivered to the Trustee, prior to September 7, 1971, a certified copy of this Resolution and the certificate attached hereto, and to obtain the receipt of the Trustee therefor.

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the foregoing resolution was adopted by unanimous roll call vote.

EXHIBIT A

THE OHIO STATE UNIVERSITY

Certificate of the President and the Treasurer of The Ohio State University pursuant to Section 8.01 of Trust Agreement dated as of April 15, 1957 for purposes of permanently abandoning the Women's Self-Government Association Residence Hall (Ann Tweedale House) and George Wells Knight House as dormitory facilities.

We, the undersigned President and Treasurer (performing duties of the office formerly known as the Vice President and Business Manager) of The Ohio State University, do hereby certify as follows pursuant to Section 8.01 of the Trust Agreement, dated April 15, 1957, between The Ohio State University and its Board of Trustees and The Ohio National Bank of Columbus, as Trustee, and pursuant to Section 6(b) of the Bond Resolution set forth as part of said Trust Agreement, for the purposes of permanently abandoning the buildings known as Women's Self-Government Association Residence Hall (Ann Tweedale House) and George Wells Knight House as dormitory facilities thereunder:

(A) That

1. Actual Net Income from all Dormitory Facilities of the University for the preceding fiscal year (July 1, 1970 to June 30, 1971), none of which are to be abandoned (except the Women's Self-Government Association Residence Hall (Ann Tweedale House) and George Wells Knight House and all of which are suitable for continuous use as Dormitory Facilities for the terms of the Series A through J Bonds issued and outstanding pursuant to the aforesaid Trust Agreement: \$2,438,926
  
2. Actual Net Income from the Women's Self-Government Association Residence Hall (Ann Tweedale House) and George Wells Knight House, for the preceding fiscal year (July 1, 1970 to June 30, 1971): 813
  
3. Actual Net Income, excluding net income from the Women's Self-Government Association Residence Hall (Ann Tweedale House) and George Wells Knight House for the preceding fiscal year (1. minus 2.): 2,438,113
  
4. Adjustment to 3. to reflect increased rates effective September 1, 1971 and to give recognition to anticipated changes in operating costs: 596,050

Certificate (continued)

5. Total actual Net Income from Dormitory Facilities,  
as adjusted (3. plus 4.) \$3,034,163
  6. Maximum amount to become due in any succeeding  
fiscal year (namely, the fiscal year ending  
June 30, 19 ) for the payment of principal and  
interest on all Bonds now outstanding (Series A  
through J, inclusive) 1,955,225
  7. Adjusted Net Income (5. above) is 1.55 times  
the maximum annual principal and interest  
requirement (6. above).
  8. The foregoing computations, to the extent they  
are estimates, are based on an assumed occupancy  
of not more than 95 percent of capacity of the  
Dormitory Facilities in question.
  9. There were not included in Net Income figures  
above any receipts against which there is any  
prior claim other than the use thereof for  
operating expenses included in computing Net  
Income.
  10. Since the beginning of the current fiscal year  
(July 1, 1971) there has been no material change  
which would affect the estimates set forth in the  
foregoing computations.
- (B) That the terms "Dormitory Facilities," "Net Income" and "Bonds" as  
used in this certificate have the same meanings given to such terms in  
the aforesaid Trust Agreement as supplemented.
- (C) That the University is not in default in the performance of any of the  
covenants provided in the aforesaid Bond Resolution, the Trust Agree-  
ment or any supplement thereto and is current in all payments required  
to be made thereunder.

President of The Ohio State University

Dated: September 2, 1971

Treasurer of The Ohio State University

September 2, 1971 meeting, Board of Trustees

XI. REPORTS (continued)

A. Reports from the Finance and Investment Committee (continued)

4. Authorization to Sell and Acquire Securities

RESOLVED, that the two following officers, namely, the President and Treasurer, be and hereby are jointly authorized and empowered to sell, assign and transfer any and all stocks, bonds, evidences of interest and/or indebtedness, rights and options to acquire or to sell the same, and all other securities, corporate or otherwise, standing in the name of, or belonging to, this University in any capacity.

Upon motion of Mr. Hilliker, seconded by Mr. Eckley, the above resolution was adopted by unanimous roll call vote.

B. Report on the University's Investment Portfolio

The report dated September 2, 1971, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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Thereupon the Board adjourned to meet Friday, October 1, 1971, at The Ohio State University, Columbus, Ohio, at 3:00 p.m.

Attest:

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Edward Q. Moulton  
Secretary

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James W. Shocknessy  
Chairman

Page 232 Blank

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND SEVENTIETH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, October 1, 1971

The Board of Trustees met at its regular monthly meeting on Friday, October 1, 1971, at The Ohio State University Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: James W. Shocknessy, Chairman, Don M. Hilliker, William C. Safford, John H. Dunlap, M. Merle Harrod, Robert S. Dorsey, John L. Gushman, and Howard D. Sirak.

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Minutes of the last meeting were approved.

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REPORT BY CHAIRMAN

A. Meeting Place

Chairman Shocknessy stated that the Board meeting was being held in the Center for Tomorrow so as to accommodate a larger number of people who have indicated a desire to attend our meetings.

B. Meeting with Student Leaders

The Chairman stated that he recently had met with two of the elected student leaders--Mr. Friedman and Mr. Yapalater--and that Dr. Ted Robinson was also present at his request. He indicated that the meeting was a pleasant one, productive of understanding, and that he found Mr. Friedman and Mr. Yapalater reasonable and knowledgeable young men. He told them, however, at the conclusion of this meeting that he would not expect to meet with them thereafter, since there are administrators employed by the University who are charged with the responsibility of working directly with students and all other constituencies of the University on a day-to-day basis. Mr. Friedman and Mr. Yapalater agreed that they would proceed on this basis unless the channels of communication between students and the Administration broke down, whereupon they might return to Mr. Shocknessy.

Further, Mr. Shocknessy reported that he had the assurance of President Fawcett that there is no reason for the channels of communication to break down but if they do it is understood that the Board will always be ready to husband its responsibilities including meeting with student leaders when appropriate.

C. Requests to Speak

Mr. Shocknessy said that no requests had been made to appear before this meeting of the Board.

D. Report on Consultative Committee to Advise in the Selection of a President

Mr. Shocknessy made the following statement:

Mr. Ketterer, Chairman of the Presidential Search Committee, recently informed me that the Committee was making very satisfactory progress. The Committee members are in the process of reviewing credentials of a rather large number of prospects and expect to be able to fulfill the schedule which proposed that a list of five nominees be presented to this Board on December 15. I cannot say much more at this time since I have not in any respect injected myself, nor has any member of this Board injected himself into the affairs of the Search Committee. The Committee is perfectly free to exercise its best judgment in preparing the list of nominees for the Board's consideration. In turn, it is the Board's hope that it would be able to choose a



October 1, 1971 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

D. Report on Consultative Committee to Advise in the Selection of a President (continued)

Mr. Shocknessy's statement (continued)

President from the list. If, however, there is no one on this list that the Board is able to agree upon, then the Board will be obliged to seek other nominations. The Board would hope, however, in this circumstance that it would not be seeking these nominations but that additional nominations would come from the Search Committee from which the President might be selected. I have been asked by some members of the Search Committee privately what the Board would do in the event that it was not able to appoint a person from the list provided by the Committee. I answered by saying that probably the Board would garner other names and request the Search Committee to examine any additional names that it or the Board might have at that time. I asked Mr. Ketterer when he submits the list of five nominations, not to consider the Search Committee dissolved, but rather that it should be available to the Board for whatever assistance might be required until this University has selected a President. And I would hope that a President will be selected by next spring.

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STATEMENT BY PRESIDENT FAWCETT  
ON THE STATUS OF THE BUDGET

As you know, it remains impossible to submit a final budget for your approval because the General Assembly has not yet passed an appropriation bill, but perhaps I should take a minute or two to bring you up to date on the financial picture for the current biennium.

Even with the uncertainty about where we stand with regard to legislative appropriations, I am pleased to report we are in a 'go' position for the Fall Quarter. If the appropriation act provides a subsidy at the \$67, 000, 000 level approved by the House and used in our provisional budget and authorizes the Instructional Fees the Regents have already approved, I am confident that we can keep most of our commitments and continue the momentum we have developed in enhancing the quality of the total educational program at Ohio State.

The fee schedule we built into all alternative budget considerations beginning last spring has been approved by the Regents, is consistent with the best information we could get from the General Assembly and is permissible on advice of legal counsel through the Cost of Living Council. Moreover, the approved fees are absolutely essential if we are to have adequate support for our programs.

October 1, 1971 meeting, Board of Trustees

STATEMENT BY PRESIDENT FAWCETT  
ON THE STATUS OF THE BUDGET (continued)

Interim legislative budgets have contained varying language concerning fees, but there is general agreement with Representative Kerns' statement that the language in interim budgets is not intended to invalidate the Regents' action in approving fee increases.

Recognizing the confusion surrounding fees, we have created a separate account for the increases in the unlikely event we should be required to make refunds.

In addition to encouraging an adequate level of State support there are two other important factors that should help us achieve our goals as one of the best comprehensive universities serving the State and the Nation.

First, the provision of the Regents Master Plan for Higher Education permits us to stabilize enrollments. At the close of business on September 28, the deadline for registration, without penalty, there were 45,760 students enrolled on the Columbus Campus, and an additional 4,064 students on the four Regional Campuses. With present facilities and resources this is an optimum enrollment. We have successfully responded to the pressures for growth in numbers over the past decade and now that there is a leveling off of enrollments we can turn our energies to enhancing the quality of our faculty, our curriculum, and all the programs and activities that constitute a great university and provide a first rate environment for learning.

The other key factor, in my judgment, is the level of federal and private support of the University. A broad indication of the importance of this support is the fact that last year the Development Fund raised more than \$10,000,000 from the private sector. The Research Foundation and the Engineering Experiment Station received about \$19,000,000 and the Business Office administered over \$29,000,000 from a variety of corporate and federal grants and contracts.

I take this support as evidence of the high regard others have for this University and I hope we can do at least as well or better in the year ahead.

The private support we are getting from individuals, corporations and foundations is especially encouraging because it represents an endorsement of what we are doing here and of our importance to society. This does not diminish the need for State support. Rather it supplements it and gives us the margin of excellence--that extra degree of flexibility that makes it possible to achieve the goal of quality.

Not too many years ago there was virtually no private support of public universities. The shift in attitude has, I think, resulted from our record

October 1, 1971 meeting, Board of Trustees

STATEMENT BY PRESIDENT FAWCETT  
ON THE STATUS OF THE BUDGET (continued)

of accomplishment and the growing recognition that universities like Ohio State are meeting the educational needs of 75 percent of the Nation's students, conducting much of the country's best research and making many significant contributions to society through a variety of public service programs.

More important, our private support shows that many people have a deep desire to assist higher education. Our own alumni--those who know us best--are supporting Ohio State in record numbers. At the same time there has been a dramatic increase in the number of major donors. The Presidents Club, for example, has grown from a small band of loyal individuals to an organization of 695 people who have contributed or pledged more than \$16,000,000 in eight years since 1963.

Another evidence of increasing support by major donors has been the funding of six (6) endowed chairs and eleven (11) professorships over the past five years, bringing the total to eight (8) endowed chairs and some twenty-one (21) professorships.

And then there have been a few of those very special gifts such as the \$1,000,000 incentive grant from the Benedum Foundation to help us get started on a new center for recreation, physical education, and intramurals, which will require slightly more than \$5,000,000 from capital appropriations plus an additional \$4,000,000 from the private sector.

All of our friends seem to sense the potential we have for greater quality, for improving our ability to carry out our mission, and for responding to critical contemporary problems.

I hope we can continue to strengthen this tradition of private support. We are at a crossroads at the moment and any future course will require expanded sources of support and dedicated teamwork on the part of the taxpayers and private philanthropists.

The achievement of future goals will require the continuing leadership and support of this Board. I know you will give full measure. And I hope it gives you confidence to know that 1971-72 promises to be the best year yet in the distinguished history of The Ohio State University.

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October 1, 1971 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Change of Trustee for the Pooled Income Fund

President Fawcett recommended that the appointment of Dean James R. McCoy, College of Administrative Science, be approved to fill the vacancy created by the resignation of Vice President Gordon B. Carson on the Board of Trustees for the Pooled Income Fund, effective for a period of one year-- October 1, 1971 through September 30, 1972.

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the Board of Trustees approved the above recommendation by unanimous voice vote.

B. Honorary Degree

President Fawcett recommended under Section 3, Rule 11.05, and after consultation with the Faculty Advisory Committee to the President and Board of Trustees, that the honorary degree-- Doctor of Humane Letters-- be conferred on William Jovanovich at the Autumn Quarter Commencement, December 17, 1971.

Upon motion of Mr. Dunlap, seconded by Mr. Hilliker, the Board of Trustees approved the above recommendation by unanimous voice vote.

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II. PERSONNEL CHANGES

Personnel changes since the September 2, 1971 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Changes in Responsibility, Appointment, Leaves of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Title:

A. Changes in Responsibility

Robert W. Teater from Associate Dean of the College of Agriculture and Home Economics to Associate Dean of the College of Agriculture and Home Economics and Director of the School of Natural Resources (part time - 70%), and Professor (part time - 10%), in the Cooperative Extension Service, effective November 1, 1971, at a salary of \$22,120.00 per annum. He will continue to hold the academic rank of Professor in the Department of Agronomy at No Salary. Dr. Teater is employed at the Ohio Agricultural Research and Development Center as Chairman of the Department of Natural Resources and Professor in the Department of Agronomy (part time - 20%), at a salary of \$5,688.00 per annum.

October 1, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Changes in Responsibility (continued)

Don E. Cook from Associate Director of Admissions to Coordinator of the Presidents Club in The Ohio State University Development Fund, effective October 15, 1971, at a salary of \$17,568.00 per annum.

Elaine Hayden Hairston from Assistant Project Supervisor in the College of Medicine to Associate Director of Affirmative Action Programs in the Office of Personnel Services, effective October 1, 1971, at a salary of \$15,528.00 per annum.

B. Appointment

Ralph R. Widner, Director, Academy for Contemporary Problems, effective November 1, 1971, at a salary of \$45,000.00 per annum. This is a joint appointment with Battelle Memorial Institute with the two institutions sharing the cost.

C. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 11, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Roger A. Miller, Associate Professor (Extension Agricultural Engineer), effective October 1, 1971 through June 15, 1972, to participate in a program of professional improvement at The Ohio State University.

Robert Lee Kirkbride, Instructor (Area Extension Agent, 4-H) Canfield Area Center, effective October 1, 1971 through December 15, 1971, to participate in a program of professional improvement at Youngstown State University.

D. Leaves of Absence Without Salary

Hugo Bekker, Professor, Department of German, effective October 1, 1971 through December 31, 1971, to be a Visiting Professor at the University of British Columbia, Vancouver, B. C., Canada.

October 1, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Anthimos J. Christoforidis, Professor, Department of Radiology, effective October 1, 1971 through May 15, 1972, to serve as Visiting Professor and Consultant for the development of new curricula for medical students and post-M. D. students in the Department of Radiology at the Medical School of the University of Salonika, Greece.

Paul A. Colinvaux, Professor, Department of Zoology, effective October 1, 1971 through December 31, 1971, to serve as the Ecologist in Residence for the British Conservative Party; and effective April 1, 1972 through June 30, 1972, to be Visiting Professor of Quarternary Biology at the University of Washington.

John W. Sharp, Professor, Cooperative Extension Service, effective September 1, 1971 through September 15, 1971, to serve as an AID Special Consultant on Vietnam Grain Storage and Handling Study.

Halbert C. Smith, Jr., Professor, College of Administrative Science - Academic Faculty of Finance, effective October 1, 1971 through September 30, 1972, to be a Visiting Professor at the University of Florida during the academic year 1971-1972.

Mary E. Young, Professor, Department of History, effective October 1, 1971 through December 31, 1971, to conduct research.

Hao Chang, Associate Professor, Department of History, effective January 1, 1972 through March 31, 1972, to conduct research.

Hunter D. Hamlett, Adjunct Associate Professor, College of Education, effective July 1, 1971 through June 30, 1972, to fulfill previous professional commitments at Virginia State University.

Norman Rask, Associate Professor, Department of Agricultural Economics and Rural Sociology, effective August 22, 1971 through September 18, 1971, to serve as a consultant for the Agency for International Development in Brazil.

October 1, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Ting-Shu Wu, Associate Professor, Department of Engineering Mechanics, effective October 1, 1971 through September 30, 1972, for personal reasons.

Margaret E. Anderson, Instructor, University Libraries, effective October 1, 1971 through December 31, 1971, and February 1, 1972 through May 31, 1972, to fulfill residence requirements at Case Western Reserve University for her Ph. D. in Library Science.

Judith A. Graves, Instructor, School of Nursing, effective July 1, 1971 through September 30, 1971, for personal reasons.

E. Emeritus Title

Kathleen Scobie, School of Allied Medical Professions, with the title Professor Emeritus, effective September 1, 1971.

President Fawcett recommended that the Changes in Responsibility, Appointment, Leaves of Absence With Salary, Leaves of Absence Without Salary, Emeritus Title, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Harrod, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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October 1, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

S U M M A R Y

(Period: August 11, 1971 - September 10, 1971)

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	9	\$ 487,248.00
Industrial and Other Research	7	144,135.00
<u>Grants</u>		
Government Research - Federal	17	583,672.00
Industrial and Other Research	<u>4</u>	<u>107,136.00</u>
Totals	37	\$1,322,191.00

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.



October 1, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Influence of Cultural Conditions and Concentration Procedures of the Antigenicity of Mycoplasma *Pneumoniae* Vaccines (to be known as Project No. 2356 - Mod. #9 - Department of Medical Microbiology).  
Gross Value - \$124,250.00.
- b. Department of Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Laser Propagation Investigation (to be known as Project No. 2819 - Mod. #P00005 - Department of Electrical Engineering).  
Gross Value - \$30,500.00.
- c. Department of Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Radar Echo Reduction Studies (U) (to be known as Project No. 2989 - Mod. #P00003 - Department of Electrical Engineering).  
Gross Value - \$100,000.00.
- d. Department of Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Investigation of the Properties of Gas Flows in Variable Area Ducts with Heat Addition (to be known as Project No. 3066-B1 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$9,985.00.
- e. AID, Mission to Venezuela, American Embassy, Caracas, Venezuela, New York, Venezuelan Human Resources Planning Project (to be known as Project No. 3096-A1 - Amend. #1 - College of Administrative Science, Center for Human Resource Research).  
Gross Value - \$55,645.00.
- f. Department of Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Research on Permanent and Temporary Shifts in Hearing Threshold Produced by Exposure to Air Force Noise (to be known as Project No. 3189-A1 - Amend. #P00002 - Department of Otolaryngology).  
Gross Value - \$20,000.00.

October 1, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- g. Department of Transportation, Federal Highway Administration, Contracts and Procurement Division, Washington, D. C., Phase II - Verification of Fracture Mechanics Concepts to Predict Cracking of Flexible Pavements (to be known as Project No. 3200-A1 - Mod. #2 - Department of Civil Engineering).  
Gross Value - \$78,461.00.
- h. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, Federal Health Program Service, Rockville, Maryland, Evaluation of the Impact of Community Emergency Medical Services Council (to be known as Project No. 3285-A1 - New - Department of Preventive Medicine).  
Gross Value - \$8,407.00.
- i. Department of Navy, Office of Naval Research, Arlington, Virginia, Separated Flows (to be known as Project No. 3308-A1 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$60,000.00.

TOTAL - Government Research Contracts - Federal \$487,248.00

2. Industrial and Other Research Contracts

- a. General Industrial, Study of Dental Caries (to be known as Project No. 2065-B - Ext. #5 - College of Dentistry).  
Gross Value - \$63,594.00.
- b. General Industrial, Study of Dental Calculus (to be known as Project No. 2070 - Sponsor Ltr. Dtd. 8/6/71 - College of Dentistry).  
Gross Value - \$35,096.00.
- c. University of Dayton, Research Institute, Dayton, Ohio, Consulting Services Under the Supervision of Dr. Robert Nerem (to be known as Project No. 3179-A1 - Purchase Order Dtd. 8/26/71 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$2,600.00.
- d. The Boeing Company, Wichita Division, Wichita, Kansas, Theoretical Evaluation of Surface Current and Charge Densities (to be known as Project No. 3301-A1 - New - Department of Electrical Engineering).  
Gross Value - \$20,000.00.

October 1, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

2. Industrial and Other Research Contracts (continued)

- e. A. Earl Cullum, Jr., and Associates, Consulting Engineers, Inwood Post Office, Dallas, Texas, Measurement of Scattering Characteristics of Scale Models of Buildings (to be known as Project No. 3305-A1 - New - Department of Electrical Engineering). Gross Value - \$5,000.00.
- f. Ohio Advisory Council for Vocational Education, Worthington, Ohio, Allied Health Manpower Requirements in the State of Ohio (to be known as Project No. 3309-A1 - New - Department of Economics). Gross Value - \$8,045.00.
- g. Research for Better Schools, Inc., Philadelphia, Pennsylvania, Self-Instructional Materials for Educational Project Management (to be known as Project No. 3312-A1 - New - College of Education). Gross Value - \$9,800.00.

TOTAL - Industrial and Other Research Contracts \$144,135.00

3. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Phytochemistry of Genus *Thalictrum* (to be known as Project No. 1497-H - Ext. #8 - College of Pharmacy). Gross Value - \$31,268.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Mesencephalic Receptive Fields (to be known as Project No. 1881-G - Ext. #7 - College of Optometry). Gross Value - \$24,250.00.
- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Biophysical Mechanisms of Induced Cardiac Arrhythmias (to be known as Project No. 2085-F - Ext. #6 - Department of Pharmacology). Gross Value - \$44,711.00.
- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Polyunsaturated Fatty Acid Interconversions (to be known as Project No. 2090-F - Ext. #6 - Department of Physiological Chemistry). Gross Value - \$28,817.00.

October 1, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, A Comparative Study of the Extrapyramidal System (to be known as Project No. 2512-D - Ext. #4 - Department of Anatomy).  
Gross Value - \$24,262.00.
- f. National Aeronautics and Space Administration, Washington, D. C., Basic Research and Data Analysis for the National Geodetic Satellite Program and for the Earth Surveys Program (to be known as Project No. 2514 - Sup. #5 - Department of Geodetic Science).  
Gross Value - \$84,275.00.
- g. National Science Foundation, Washington, D. C., Collaborative Research on Interpersonal Perception and Behavior Prediction (to be known as Project No. 2749 - Amend. #1 - Department of Psychology).  
Gross Value - \$74,800.00.
- h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Enzyme Catalysis of Electron and Group Transfer (to be known as Project No. 2811-B - Ext. #2 - Department of Chemistry).  
Gross Value - \$23,899.00.
- i. National Science Foundation, Washington, D. C., Analysis of Plateau Micrometeorological Tower Data (to be known as Project No. 3029-A1 - Amend. #1 - Institute of Polar Studies).  
Gross Value - \$42,300.00.
- j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Use of Isomeric-Ratio to Differentiate Drug Receptors (to be known as Project No. 3099-A2 - Ext. #1 - College of Pharmacy).  
Gross Value - \$19,084.00.
- k. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Polyfunctional Catalysis (to be known as Project No. 3292-A1 - New - Department of Chemistry).  
Gross Value - \$37,243.00.

October 1, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- l. Department of Interior, Office of Water Resources Research, Washington, D. C., Wash Out Processes in Lake System (to be known as Project No. 3302-A1 - New - Department of Microbiology). Gross Value - \$32,439.00.
- m. National Science Foundation, Washington, D. C., Conformational Studies of Biopolymers (to be known as Project No. 3303-A1 - New - Department of Biochemistry). Gross Value - \$20,800.00.
- n. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Control of Differential Gene Action and Morphogenesis (to be known as Project No. 3307-A1 - New - Department of Biochemistry). Gross Value - \$23,960.00.
- o. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Control of the Hexose Monophosphate Shunt in Red Cells (to be known as Project No. 3310-A1 - New - Department of Medicine). Gross Value - \$17,564.00.
- p. National Science Foundation, Washington, D. C., The  $^{87}\text{Rb}$ - $^{87}\text{Sr}$  and  $^{40}\text{K}$ - $^{40}\text{Ca}$  Decay Schemes in K-Bearing Evaporite Rocks (to be known as Project No. 3311-A1 - New - Department of Geology). Gross Value - \$4,000.00.
- q. National Science Foundation, Washington, D. C., Chemistry of Bent Bonds (to be known as Project No. 3313-A1 - New - Department of Chemistry). Gross Value - \$50,000.00.

TOTAL - Government Research Grants - Federal \$583,672.00

4. Industrial and Other Research Grants

- a. Modern Language Association of America, Center for Editions of American Authors, New York, New York, Hawthorne Edition (to be known as Project No. 2338-E - Sponsor Ltr. Dtd. 8/10/71 - Department of English). Gross Value - \$22,539.00.

October 1, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

4. Industrial and Other Research Grants (continued)

- b. Modern Language Association of America, Center for Editions of American Authors, New York, New York, Ralph Waldo Emerson Works (to be known as Project No. 2992-B - Sponsor Ltr. Dtd. 8/10/71 - Department of English).  
Gross Value - \$490.00.
- c. National Endowment for the Humanities, Washington, D. C., A Complete Vocabulary of the Works of Wace (to be known as Project No. 3304-A1 - New - Department of Romance Languages and Literature).  
Gross Value - \$24,107.00.
- d. Society of Automotive Engineers, Inc., New York, New York, A Study of Visual Requirements for Automotive Applications (to be known as Project No. 3306-A1 - New - Department of Industrial Engineering).  
Gross Value - \$60,000.00.

TOTAL - Industrial and Other Research Grants \$107,136.00

October 1, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

B. The Report of the Research Contract  
from the Engineering Experiment Station

S U M M A R Y

(Period: August 12, 1971 - September 13, 1971)

	No. of Projects	Gross Value
Government Research Contract	1	\$76,000.00

The Engineering Experiment Station of The Ohio State University entered into the following research contract. This research contract was reported to the Board of Trustees for information and the record.

1. Government Research Contract

EES 328X	Use of Driver Display and Control Aids to Stabilize
Ext. #3	and Improve Traffic Flow, Ohio Department of High-
	ways, Columbus, Ohio.
	Gross Value - \$76,000.00.

October 1, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

C. Authorization to Execute Agreement Between The Ohio State University and the Allen County Technical Institute at Lima

On September 17, 1971, the Ohio Board of Regents granted a charter to the newly established Allen County Technical Institute and authorized the Board of Trustees of that Institute to assume full responsibility as provided under Section 3357.09 of the Ohio Revised Code which authorizes the establishment of a technical institute program in cooperation with state universities. With this action the University was relieved of the interim agreement authorized by action of this Board on July 2, 1971, to act as the agent for the purpose of making expenditures from funds made available by the Ohio Board of Regents in support of this program.

It was recommended that the President of this University be authorized to enter into an agreement on behalf of The Ohio State University and the newly chartered Allen County Technical Institute so as to provide this University with appropriate compensation for the use of its facilities and personnel in support of the technical education program at the Lima Regional Campus.

Upon motion of Mr. Harrod, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

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#### IV. GRANTS AND GIFTS

(Period: August 1971)

Gifts  
The Ohio State University Development Fund

The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include the establishment of named funds and a specific listing of some of the many gifts received.

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October 1, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer

1. \$1,911,435.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for National Defense Student Loan Program, for the period July 1, 1971 through June 30, 1972. (NIH Vendor No. 766505)
2. \$870,893.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for the College Work-Study Program, for the period January 1, 1971 through June 30, 1972. (NIH Grantee Account No. 766505)
3. \$420,885.00 additional grant by Agency for International Development, Department of State, Washington, D. C., for USAID/Brazil project in the College of Agriculture and Home Economics, for the period January 1, 1971 through December 31, 1971. (Contract No. AID/ea-161, Amendment No. 10)
4. \$373,024.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan Programs, under the direction of the College of Medicine, for the period July 1, 1971 through June 30, 1972. (I. D. No. 1 7 45 0430 15 1)
5. \$297,633.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan Programs, under the direction of the College of Dentistry, for the period July 1, 1971 through June 30, 1972. (I. D. No. 2 7 45 0430 15 1)
6. \$264,346.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan Programs, under the direction of the College of Veterinary Medicine, for the period July 1, 1971 through June 30, 1972. (I. D. No. 7 7 45 0430 15 1)
7. \$146,790.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Nursing Student Loan and Nursing Scholarship Programs, under the direction of the School of Nursing, for the period July 1, 1971 through June 30, 1972. (I. D. No. B 7 45 0430 15 1)
8. \$99,373.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan Programs, under the direction of the College of Optometry, for the period July 1, 1971 through June 30, 1972. (I. D. No. 4 7 45 0430 15 1)

October 1, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

9. \$97,321.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Region V, 433 West Van Buren Street, Chicago, Illinois, to the University for "Teaching Grant and Traineeships in Rehabilitation Medicine," under the direction of the Department of Physical Medicine, for the period September 1, 1971 through June 30, 1972. (Grant No. 44-P-25122/5-10)
10. \$63,328.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Design, Implement, Evaluate Curriculum Leading to B.S. in Nursing Degree," under the direction of the School of Nursing, for the period August 1, 1971 through July 31, 1972. (Grant No. 5 D10 NU 00319-04)
11. \$60,726.00 additional grant by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C., to the University for "Educational Opportunity Grants Program," for the period July 1, 1971 through June 30, 1972. (NIH Vendor No. 766505)
12. \$60,415.00 granted by State of Ohio, Department of Education, Division of Special Education, Columbus, Ohio, to the University for "An Exemplary Model for Learning Disabled Students, Emphasizing Secondary Programs, Teacher Training and Assessment Techniques," under the direction of the College of Education, for the period June 22, 1971 through August 21, 1972. (Grant No. OEG-0-81-4438, Project No. 457140)
13. \$58,889.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Professions Scholarship and Health Professions Student Loan Programs, under the direction of the College of Pharmacy, for the period July 1, 1971 through June 30, 1972. (I.D. No. 5 7 45 0430 15 1)
14. \$32,437.00 granted by United States Department of Justice, Law Enforcement Assistance Administration, Washington, D. C., to the University for "Law Enforcement Education Program (LEEP)," for the period July 1, 1971 through June 30, 1972. (Trans. No. 003090-2-72)
15. \$20,385.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Neocortical and Subcortical Interactions," - Research Scientist Development - Type II Grant, under the direction of the Department of Psychology, for the period July 1, 1971 through August 31, 1972. (Grant No. 5 K02 MH12747-05)

October 1, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

16. \$15,703.00 granted by Ohio Bureau of Employment Services, Columbus, Ohio, to the University for Work Incentive Program, under the direction of the Division of Continuing Education, for the period August 1, 1971 through June 30, 1972. (Contract No. H5-8564-37-05)
17. \$12,842.00 granted by State of Ohio, Department of Natural Resources, Division of Wildlife, Columbus, Ohio, to the University for "A Quantitative Analysis of Selected Heavy Toxic Metals in Ohio's Upland Wildlife," under the direction of the Department of Zoology, for the period September 1, 1971 through August 31, 1972. (Project No. W-103-R-15, Study VI, Job VI-a)

B. The Ohio State University Development Fund

1. \$32,850.00 from the Estate of Dorothy Dye Henry, Columbus, Ohio, for her endowed memorial fund in the College of Veterinary Medicine.
2. \$15,600.00 from The Ohio Lions Eye Research Foundation, Columbus, Ohio, for its research fund.
3. \$13,757.84 from Associates of Medicine, Columbus, Ohio, for the Department of Medicine General Fund.
4. \$13,300.75 from The Ohio Nurserymen's Association, Inc., Columbus, Ohio, for research in landscape horticulture.
5. \$12,300.00 from the Trust under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.
6. \$10,000.00 from the Estate of Josephine Margaret Pickering for the establishment of The Woodrow Charles Pickering Leukemia Research Fund.

The Woodrow Charles Pickering Leukemia Research Fund

The Woodrow Charles Pickering Leukemia Research Fund was established October 1, 1971, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University Medical Center from Josephine Margaret Pickering, late of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for research in leukemia as requested by members of the Faculty of the College of Medicine and as approved by the Dean of the College of Medicine. The principal may be invaded if necessary.

October 1, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

6. The Woodrow Charles Pickering Leukemia Research Fund (continued)

Should the need for research in leukemia cease to exist or so diminish as to provide unused income, or should the College of Medicine cease to exist, through any reorganization of the University, then the income may be used for any other medical research whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the appropriate faculty and administrative officials of the University who are then responsible for medical research.

7. \$8,400.00 from The International Nickel Company of Canada, Ltd., New York, New York, for its fellowship fund in Metallurgical Engineering.
8. \$6,500.00 from Hoffman-LaRoche, Inc., Nutley, New Jersey, for research in infectious diseases.
9. \$6,000.00 from Kappa Kappa Gamma Fraternity, Columbus, Ohio, to support a fellowship for rehabilitation in Physical Medicine.
10. \$5,500.00 from American Oil Foundation, Chicago, Illinois, for its fellowship fund in Chemistry.
11. \$5,000.00 from the Estate of Iride L. McCampbell, Fairfield, California, for the establishment of the Andrew Harold McCampbell Scholarship.

Andrew Harold McCampbell Scholarship

The Andrew Harold McCampbell Scholarship was established October 1, 1971, by the Board of Trustees of The Ohio State University with a bequest from Iride Lelia McCampbell, formerly of Napa, California, in memory of Sara and Lee Perkins and her husband, Andrew Harold McCampbell.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of the University, with the right to invest and reinvest as occasion dictates.

The annual income from this Fund is to be awarded annually to a deserving student; the principal may be invaded if the student so selected is deserving of a larger amount than that represented by the annual income of the Fund.

Should the need for this scholarship cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees with preference

October 1, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

11. Andrew Harold McCampbell Scholarship (continued)

being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for the student financial aids program.

12. \$5,000.00 from the family and friends of Carl R. Arnold for the establishment of the Carl R. (Cap) Arnold Agricultural Credit Fund.

Carl R. (Cap) Arnold Agricultural Credit Fund

The Carl R. (Cap) Arnold Agricultural Credit Fund was established October 1, 1971, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from the family and friends of Carl R. Arnold, B.Sc. Agr. '20, L.H.D., Hon. '63, a former faculty member, nationally acknowledged "Father" of the United States' Production Credit System and former Governor of the Farm Credit Administration.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of the University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to support the Arnold Agricultural Credit Library and its programs. Annual income may also be used to provide abstracting informational and materials service on agricultural finance, to support an Arnold Professorship or Endowed Chair in Agricultural Credit, to develop special studies and research projects in Agricultural Credit, and/or provide Arnold Scholarships, Fellowships, and Grants for training in Agricultural Credit. The use of the annual income is to be determined by the Chairman of the Department of Agricultural Economics with the approval of the Dean of the College of Agriculture and Home Economics. The principal may be invaded and used if necessary.

Should the need for these programs cease to exist or so diminish as to provide unused income, or should the above named department or college cease to exist, through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees of the University, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for education in agricultural credit.

October 1, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

13. \$5,000.00 from Union Carbide Corporation, Marietta, Ohio, for its fund in Metallurgical Engineering.
14. \$4,000.00 from the Estate of Helen D. Brown for the establishment of the Helen D. Brown Scholarship.

Helen D. Brown Scholarship

The Helen D. Brown Scholarship was established October 1, 1971, by the Board of Trustees of The Ohio State University with a bequest to The Ohio State University through the Development Fund from Helen D. Brown, late of Warren, Ohio.

All gifts and bequests are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of the University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for scholarships for students in the School of Home Economics. First preference is to be given to freshmen women, who are members of the 4-H Club in Trumbull County at the time of their graduation and have completed four home economics projects in five different years. The scholarship is to be awarded by the University's Scholarship Committee upon the recommendation of the Scholarship Committee of the Ohio 4-H Club Foundation, the Trumbull County Agricultural and Home Economics Extension Staff, the 4-H Club Council, and the Trumbull County Superintendent of Schools. If such a student is selected, she is to be extended the scholarship for her sophomore year so long as she maintains proper academic standards. If there is no applicant or otherwise no one to fulfill the first preference expressed above, the annual income may be used for any woman enrolled in the School of Home Economics, for a one-year term.

Should the need for these scholarships cease to exist or so diminish as to provide unused income, then the annual income may be used for any purpose whatsoever as determined by the Director of the School of Home Economics. Should the School of Home Economics cease to exist through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for home economics education.

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October 1, 1971 meeting, Board of Trustees

V. PLANS AND SPECIFICATIONS

At the request of the Vice President for Administrative Operations, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. State Health Laboratory, 382 West 10th Avenue - Demolition

This project involves the complete demolition of the entire building.

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

B. Natorium, 321 West 17th Avenue - Roof Repairs 1971

This project involves the removing and replacing of the roofing, coping, insulation, gutters, conductor pipe, flashing, counter-flashing, and tubes.

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

Upon motion of Mr. Gushman, seconded by Dr. Sirak, the above recommendations were approved by unanimous roll call vote and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Lachner was directed to proceed with a request for bids in the normal University manner and if satisfactory bids were received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VI. REPORT OF AWARD OF CONTRACT

In accordance with authorization provided by the Board of Trustees, bids were taken on the project listed below and the contract was recommended for award. The action reported to the Board was as follows:

A. Medical Academic Area Lighting Improvements

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract (Rebid)</u> (5 bids received 9-10-71) Jess Howard Electric Co. (Columbus, Ohio)	\$26,947.00	\$30,000.00

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the above award of contract and expenditure of funds were approved and the action of the Vice President for Administrative Operations ratified by unanimous roll call vote.

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October 1, 1971 meeting, Board of Trustees

## VII. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Kenneth J. Arisman, Professor in the College of Education; Omar Leo Cunningham, County Extension Agent Emeritus in the Cooperative Extension Service; John Solomon Hare, Assistant Professor Emeritus in the Department of History; Russell W. Jones, Instructor Emeritus in the Department of Aviation; and Dick P. Snyder, Professor Emeritus in the College of Dentistry. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

### A. Kenneth J. Arisman

The Board of Trustees of The Ohio State University expresses its sorrow at the death on August 29, 1971, of Kenneth J. Arisman, Professor in the College of Education.

Professor Arisman was born in Boswell, Pennsylvania, on November 19, 1910. He received the B.S. degree from State Teachers College, Indiana, Pennsylvania, in 1932. His graduate work was done at Teachers College, Columbia University, where he received the M.A. degree in 1938; and at The Ohio State University, where he received the Ph.D. degree in 1946. Prior to coming to University School, The Ohio State University, as an Instructor, in 1942, Professor Arisman taught art in the public schools of Souderton and Hatfield, Pennsylvania, and Des Moines, Iowa.

Professor Arisman moved into the field of secondary education in the Department of Education, advancing through the academic ranks from Instructor to Professor, and later turned to administration in the Office of Instruction as Director of Off-Campus Education. He directed the study leading to the establishment and organization of branches at Marion and Newark, in the Autumn of 1957, Mansfield in 1958, Lima in 1960, and Lakewood in 1962. His basic research and planning supplied the University with data which were used in the further expansion of the branch program.

During his teaching and administrative career, Professor Arisman engaged in many and varied educational activities. He arranged and conducted numerous workshops in connection with child study programs, art education, secondary education, parent education, higher education, and general curriculum. He served as teacher and consultant at other universities in Ohio, Colorado, Iowa, Georgia, Texas, Louisiana, Arkansas, Maryland, Wisconsin, and Minnesota. As a writer, Professor Arisman contributed numerous articles to professional periodicals and co-authored a book in the field of secondary education. He served as Chairman of the Committee on Graduate Work in Education. He served on a number of campus bodies. He was a member of the Faculty Council for seven years, the Executive Committee of the Graduate School for five years, and The Ohio State University Athletic Board for six years and its Chairman from 1954 through 1956. He was a member of numerous professional organizations in the fields of secondary and higher education. At the close of his career, Professor Arisman returned to teaching and the contacts with graduate and undergraduate students in secondary education, contacts which he and the students found most rewarding.

October 1, 1971 meeting, Board of Trustees

VII. RESOLUTIONS IN MEMORIAM (continued)

A. Kenneth J. Arisman (continued)

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

B. Omar Leo Cunningham

The Board of Trustees of The Ohio State University expresses its sorrow at the death on August 19, 1971, of Omar Leo Cunningham, County Extension Agent Emeritus, Montgomery County, Cooperative Extension Service.

Mr. Cunningham was born March 15, 1888, in Folsomdale, Kentucky. He was awarded a Bachelor of Science degree from Valparaiso University at Valparaiso, Indiana, in 1912; and a Master of Science degree from the University of Wisconsin in 1915. He also completed an additional year's graduate study at the University of Southern California.

Mr. Cunningham's career in the academic world began in 1915 when he joined the staff of Teachers College in Bowling Green, Kentucky, as Head of the Department of Agriculture. He left the College in 1918 for two years' service in the United States Army and then returned to his native state to become a County Extension Agent in Fulton County, Kentucky. In 1922 he resigned this position to begin more than a quarter century of service as a County Agricultural Agent in Montgomery County, Ohio. He retired in December, 1948.

Throughout his career as a faculty member of the Ohio Cooperative Extension Service, Mr. Cunningham enjoyed the respect and admiration of his fellow faculty members as well as the people he served in Montgomery County. During World War II he accepted many civic assignments beyond his regular duties. He was Chairman of the Victory Garden Council, the county-wide savings bond drive, the county rationing board, the farm labor committee, and of scrap and salvage drives. He also was a member of the county post-war planning committee, the Boy Scout Council, the Education Council of the Y. M. C. A., and the Rural Church Council.

On behalf of the University community, the Board of Trustees expresses to members of the Cunningham family its deepest sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as an expression of the Board's realization of the loss which the family and the University have sustained.

October 1, 1971 meeting, Board of Trustees

VII. RESOLUTIONS IN MEMORIAM (continued)

C. John Solomon Hare

The Board of Trustees of The Ohio State University expresses its sorrow at the death on August 10, 1971, of Dr. John Solomon Hare, Assistant Professor Emeritus in the Department of History.

Dr. John Solomon Hare was born on a farm near Georgesville, Franklin County, Ohio, October 28, 1886. He received the B.S. degree from Ohio Northern University, Ada, Ohio, in 1908. He taught in a number of Ohio communities and by attending summer sessions received the A.B. degree from The Ohio State University in 1913. He then served as a Master at the well-known private school, Lake Forest Academy, Lake Forest, Illinois, from 1916 to 1918. Returning to Ohio he taught at East Technical High School, Cleveland, 1918-1919. Later he taught at Snyder Outdoor School for Boys, Lake Junaluska, North Carolina, 1919-1922, and at Grandview Heights High School, Columbus, Ohio, 1922-1930. In the meantime, he received the A.M. degree from Ohio State in 1925.

In 1930, he became an Instructor in American History at The Ohio State University, with a promotion to Assistant Professor in 1942. In 1933, he received the Ph.D. degree from The Ohio State University, his dissertation being a biography of a long-time United States Senator from Ohio, Allen G. Thurmen (1813-1895).

For many years he supervised the introductory courses in American History at Ohio State with a real spirit of dedication and careful attention to detail.

Dr. Hare was almost religiously devoted to his role as a teacher. As an advisor of youth, he was tireless in his sympathy and helpfulness for students. He was for many years faculty advisor at Ohio State for the local chapter of the history honorary fraternity, Phi Alpha Theta. He retired in 1957.

On behalf of the University community, the Board of Trustees expresses to the family of Dr. Hare its deep sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

D. Russell W. Jones

The Board of Trustees expresses its sorrow at the death on August 9, 1971, of Russell W. Jones, Instructor Emeritus in the Department of Aviation.

Mr. Jones was born in Spring Green, Wisconsin, on January 7, 1898. He attended the University of Wisconsin, from which he received a Ph.B. degree in English in 1926. Five years later, Mr. Jones began his aviation career by becoming a pilot in Coffeyville, Kansas. During World War II, his abilities and talents as a classroom instructor were realized in the training of many Naval aviators. Mr. Jones went on to become a commercial pilot and

October 1, 1971 meeting, Board of Trustees

VII. RESOLUTIONS IN MEMORIAM (continued)

D. Russell W. Jones (continued)

attained ratings in all phases of ground school instruction. In 1945, he joined the faculty of The Ohio State University as an Instructor in the then School of Aviation. Thousands of aviation students were guided by Mr. Jones in his career which ended with his retirement in 1968. He was a vital force in the growth of aviation education at the University.

Mr. Jones was a highly respected, dedicated member of the faculty; his lengthy period of service to the University and its students remain an inspiration.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family of Mr. Jones as a humble expression of the Board's heartfelt sympathy in its bereavement.

E. Dick P. Snyder

The Board of Trustees of The Ohio State University expresses its sorrow at the death on August 22, 1971, of Dick P. Snyder, Professor Emeritus in the College of Dentistry.

Professor Snyder was born on a farm near Summerfield, Ohio, on June 14, 1883. He received the D.D.S. degree from Starling Ohio Medical College in 1913. In 1914 he was appointed Instructor in the Operative Dentistry Clinic and in 1918 as Instructor in Exodontics and X-Ray. In 1928 he was appointed Assistant Professor of Dentistry and in 1932 as Professor of Clinical Dentistry. In 1970 he received the Distinguished Alumnus Award from the College of Dentistry.

Professor Snyder was a Diplomate of the American Board of Oral Surgery and recognized authority in that field. He was Chairman of the Department of Oral Surgery from 1932 until his retirement in 1953. During his active career he conducted a private practice in Oral Surgery which was continued after his retirement from the University until 1963. In this 50-year period he served as President of the Columbus Dental Society, the Ohio State Dental Association, and the Great Lakes Society of Oral Surgeons. He also served as the first Chairman of the College of Dentistry Post College Assembly.

In addition to his active participation in dental education and private practice of oral surgery, he was a Fellow of the American College of Dentists and held membership in the American Dental Association, the Great Lakes Society of Oral Surgeons, the American Society of Oral Surgeons, Omicron Kappa Upsilon Dental Honor Society, and Psi Omega Dental Fraternity.

Professor Snyder also found time for civic activities and other interests. He was a member of Rotary, the Presidents Club, and a charter member of University Lodge F. and A. M. He also had an interest in outdoor sports and flower gardening.

October 1, 1971 meeting, Board of Trustees

VII. RESOLUTIONS IN MEMORIAM (continued)

E. Dick P. Snyder (continued)

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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VIII. REPORTS

A. Report from the Retirement and Insurance Committee

Mr. Gushman reported on behalf of the Board's Retirement and Insurance Committee that after making an in-depth examination of the University's insurance coverage and practices, the Committee recommended a comprehensive study of the University's total insurance program. Included in this study should be the general insurance program, consisting of property, casualty, and miscellaneous coverage; the student group insurance programs; the employee benefit insurance programs, consisting of life, accidental death, and major medical; and also a look at our general public liability coverage. It was further recommended that the firm of Alexander & Alexander of New York be appointed to conduct this study for a fee not to exceed \$12,500. Mr. Gushman indicated before making this recommendation that the Committee reviewed the present coverage and business practices associated with the University's insurance program and found that sound and totally acceptable business practices were being followed. However, because of recent technical changes and the additional exposures and risks, the Committee believes that a comprehensive evaluation would be most appropriate at this time.

Upon motion of Mr. Gushman, seconded by Mr. Safford, the Board of Trustees accepted the foregoing report and approved the recommendation by unanimous roll call vote.

B. Report on the University's Investment Portfolio

The report dated October 1, 1971, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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October 1, 1971 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, November 5, 1971, at The Ohio State University, Columbus, Ohio, at 1:00 p.m.

Attest:

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Edward Q. Moulton  
Secretary

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James W. Shocknessy  
Chairman

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND SEVENTY-FIRST MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, November 5, 1971

The Board of Trustees met at its regular monthly meeting on Friday, November 5, 1971, at The Ohio State University Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: James W. Shocknessy, Chairman, Don M. Hilliker, William C. Safford, John H. Dunlap, Frederick R. Eckley, M. Merle Harrod, Robert S. Dorsey, and Howard D. Sirak.

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Minutes of the last meeting were approved.

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REPORT BY CHAIRMAN

A. Report on Consultative Committee to Advise in the Selection of a President

Mr. Shocknessy reported that he had been advised by Mr. Ketterer that the Presidential Search Committee is making quite adequate progress and that a schedule has been established so as to assure the meeting of the December 15 deadline for the submission of the Committee's recommendations. Mr. Shocknessy took this occasion to read the statement which he made at the October Board meeting outlining the procedure the Board intended to use in selecting a president in an effort to eliminate any continuing misunderstanding of the Board's intention in this regard.

B. Request to Speak

One request to speak before the Board was granted but subsequently this request was withdrawn.

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November 5, 1971 meeting, Board of Trustees

## PRESIDENT'S REPORT ON NINE-MONTH FACULTY SALARIES

President Fawcett made the following report:

As we are all keenly aware, there is great uncertainty about Phase II of the Federal economic policies, and this uncertainty affects most directly the nine-month faculty whose salaries have been frozen since the beginning of the wage-price controls.

This week I wrote a letter to the University faculty, expressing my concern to those faculty members affected by the freeze. I gave my assurance also that I would continue to do everything possible to restore the salary increases for them approved by this Board. We have requested guidelines from the Cost-of-Living Council for granting those increases as soon as possible. Despite the uncertainties, however, in the Phase II economic controls and in the University budget, our highest priority remains the restoration of the promised salary increments to our nine-month faculty.

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President Fawcett presented the following recommendations:

### I. GENERAL RECOMMENDATIONS

#### A. Naming of Building

Upon the recommendation of the Athletic Council, and with the concurrence of the President's Cabinet, President Fawcett recommended that the North Athletic Facility located at 2490 North Fyffe Road be named "Ernie Biggs Athletic Training Facility," in memory of Ernest R. Biggs, long-time Athletic Trainer at The Ohio State University.

This recommendation is in accordance with the Bylaws of the Board of Trustees.

Upon motion of Mr. Dorsey, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

#### B. Honorary Degrees

President Fawcett recommended that the honorary degrees, as specified hereafter, be conferred on the following individuals at an appropriate future Commencement mutually agreeable to the University and the recipients.

Aklilu Habte	Doctor of Humane Letters
Starke R. Hathaway	Doctor of Humane Letters
John A. Maurer	Doctor of Science
Edmund M. Spieker	Doctor of Science

Upon motion of Mr. Safford, seconded by Mr. Eckley, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

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November 5, 1971 meeting, Board of Trustees

## II. PERSONNEL CHANGES

Personnel changes since the October 1, 1971 meeting of the Board, as recorded in the official "Salary Roll" of the University, included the following Appointments, Leaves of Absence Without Salary, and Emeritus Titles:

### A. Appointments

William E. Nelson, Jr., Acting Chairman of the Black Studies Division (part time - 60 percent) and Assistant Professor in the Department of Political Science (part time - 40 percent), effective immediately, at a salary of \$20,088.00 per annum.

Normalee B. Bugoci, Director in the Office of Personnel Services, effective October 1, 1971, at a salary of \$13,008.00 per annum.

### B. Leaves of Absence Without Salary

J. Hayden Boyd, Associate Professor, Department of Economics, effective October 1, 1971 through September 30, 1972, to accept a position as Staff Economist at the Program Analysis Division of Institute for Defense Analyses.

Jacob W. Old, Associate Professor, Department of Pathology, effective November 1, 1971 through June 30, 1972, for personal reasons.

Elmo Stewart Saunders, Instructor, University Libraries, effective October 1, 1971 through June 30, 1972, to pursue a doctoral program at Indiana University.

### C. Emeritus Titles

Jack E. Hufford, Cooperative Extension Service, with the title Professor Emeritus, effective November 1, 1971.

Charles D. McGrew, Cooperative Extension Service, with the title Professor Emeritus, effective June 1, 1971.

President Fawcett recommended that the Appointments, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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November 5, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

SUMMARY

(Period: September 11, 1971 - October 15, 1971)

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	10	\$ 529,013.00
Government Research - State	1	72,600.00
Industrial and Other Research	6	129,929.00
<u>Grants</u>		
Government Research - Federal	27	1,910,997.00
Industrial and Other Research	<u>15</u>	<u>106,613.00</u>
Totals	59	\$2,749,152.00

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Harrod, seconded by Mr. Eckley, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal

- a. Department of Air Force, Air Force Systems Command, Wright Patterson Air Force Base, Ohio, Research on Stress-Corrosion Cracking of Metallic Materials (to be known as Project No. 2737 - Mod. #P00005 - Department of Metallurgical Engineering).  
Gross Value - \$62,610.00.
- b. Department of Air Force, Air Force Systems Command, Wright Patterson Air Force Base, Ohio, Parametric Devices (to be known as Project No. 2757 - Mod. #P00007 - Department of Electrical Engineering).  
Gross Value - \$59,959.00.
- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Study Role of Vehicles and Particulates in Respiratory Carcinogenesis Bioassays (to be known as Project No. 2853 - Mod. #5 - Department of Veterinary Pathology).  
Gross Value - \$110,851.00.
- d. Department of Navy, Office of Naval Research, Arlington, Virginia, Voice Communication (to be known as Project No. 2928 - Amend. #3 - Department of Speech Communication).  
Gross Value - \$24,107.00.
- e. Department of Navy, Office of Naval Research, Arlington, Virginia, Seminars in Defense Two-Step Formal Advertising and Multi-Year Procurement Procedures (to be known as Project No. 3006-A1 - Mod. #3 - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$32,652.00.
- f. Department of Air Force, Air Force Systems Command, Wright Patterson Air Force Base, Ohio, Computational Study of Turbulent Separated Flows (to be known as Project No. 3135-A1 - Mod. #P00002 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$41,122.00.
- g. Department of Navy, Office of Naval Research, Arlington, Virginia, Contract Administration (to be known as Project No. 3164-A1 - Mod. #5 - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$141,243.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- h. U. S. Department of Interior, Bureau of Mines (ARPA), Denver, Colorado, Stresses, Deformations and Progressive Failure of Non-Homogeneous Fissured Rock (to be known as Project No. 3177-A1 - Mod. #3 - Department of Civil Engineering).  
Gross Value - \$500.00.
- i. Department of Air Force, Air Force Systems Command, Wright Patterson Air Force Base, Ohio, High Reynolds Number Transonic Testing (to be known as Project No. 3273-A1 - Mod. #P00001 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$30,000.00.
- j. National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, A Study of Weightlessness on the Development of the Vestibular Apparatus and Ocular Nystagmus in the Rat (to be known as Project No. 3329-A1 - New - Department of Anatomy).  
Gross Value - \$25,969.00.

TOTAL - Government Research Contracts - Federal \$529,013.00

2. Government Research Contract - State

- a. State of Ohio, Department of Health, Columbus, Ohio, Analysis of Emergency Medical Services - Columbus and All Franklin County Political Subdivisions (to be known as Project No. 3338-A1 - New - Department of Preventive Medicine).  
Gross Value - \$72,600.00.

3. Industrial and Other Research Contracts

- a. General Electric Company, Aircraft Engine Group, Evendale Plant, Cincinnati, Ohio, Design Study and Proof of Concept Investigation for Distorted Flow (to be known as Project No. 3288-A1 - Amend. #1 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$2,000.00.
- b. General Electric Company, Aircraft Engine Group, Evendale Plant, Cincinnati, Ohio, Design Study and Proof of Concept Investigation for Distorted Flow (to be known as Project No. 3288-A1 - Amend. #2 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$4,000.00.

November 5, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Industrial and Other Research Contracts (continued)

- c. Coordinating Research Council, New York, New York, and Environmental Protection Agency, Durham Contracts Operation, Research Triangle Park, North Carolina, Effects of Low Levels of Carbon Monoxide on Driving (to be known as Project No. 3332-A1 - New - Department of Preventive Medicine).  
Gross Value - \$45,555.00.
- d. Coordinating Research Council, New York, New York, and Environmental Protection Agency, Durham Contracts Operation, Research Triangle Park, North Carolina, Effects of Low Levels of Carbon Monoxide on Driving (to be known as Project No. 3332-B1 - New - Engineering Experiment Station).  
Gross Value - \$59,900.00.
- e. The University of Wisconsin, Research Administration - Financial, Madison, Wisconsin, Subcontract Between the University of Wisconsin and The Ohio State University (to be known as Project No. 3335-A1 - New - Department of Psychology).  
Gross Value - \$11,304.00.
- f. Research for Better Schools, Inc., Philadelphia, Pennsylvania, Self-Instructional Materials for Educational Project Management (to be known as Project No. 3337-A1 - New - College of Education).  
Gross Value - \$7,170.00.

TOTAL - Industrial and Other Contracts \$129,929.00

4. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center - 12 Beds (to be known as Project No. 1196-2L - Ext. #11 - College of Medicine).  
Gross Value - \$278,064.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center - 12 Beds (to be known as Project No. 1196-3L - Ext. #11 - College of Medicine).  
Gross Value - \$172,724.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

4. Government Research Grants - Federal (continued)

- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Ligand Reactions and Homogeneous Catalysis (to be known as Project No. 1501-J - Ext. #9 - Department of Chemistry).  
Gross Value - \$68,833.00.
- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Highly Strained Nitrogen Heterocyclics (to be known as Project No. 1640-H - Ext. #8 - Department of Chemistry).  
Gross Value - \$51,286.00.
- e. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Conditioning Stimulus Selection and Verbal Paradigms (to be known as Project No. 1779-G - Ext. #7 - Department of Psychology).  
Gross Value - \$49,037.00.
- f. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, An NMR Facility for Biomedical Research (to be known as Project No. 2439-D - Ext. #4 - College of Pharmacy).  
Gross Value - \$9,588.00.
- g. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Intra-Hepatic Control of Liver Blood Flow (to be known as Project No. 2518-D - Ext. #4 - Department of Physiology).  
Gross Value - \$11,689.00.
- h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Pathogenesis of Coronary Atherosclerosis (to be known as Project No. 2525-D - Ext. #4 - Department of Pathology).  
Gross Value - \$64,564.00.
- i. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Organizational Responses to Major Community Crises (to be known as Project No. 2673-C - Ext. #3 - Department of Sociology).  
Gross Value - \$101,063.00.

November 5, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

4. Government Research Grants - Federal (continued)

- j. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Oxalic Acid Metabolism and Primary Hyperoxaluria (to be known as Project No. 2720-C - Ext. #3 - Department of Physiological Chemistry).  
Gross Value - \$25,622.00.
- k. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Division of Physician and Health Professions Education, Bethesda, Maryland, Computer-Assisted Independent Study: A Pilot Program (to be known as Project No. 2835-B - Sup. #1 - College of Medicine).  
Gross Value - \$339,206.00.
- l. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower, Division of Nursing, Bethesda, Maryland, Research Development Program (to be known as Project No. 2927-B - Ext. #2 - School of Nursing).  
Gross Value - \$81,750.00.
- m. National Science Foundation, Washington, D. C., New Synthetic Reactions by the 3,2,1-Bicyclic Mechanism (to be known as Project No. 2933 - NSF Ltr. Dtd. 9/29/71 - Department of Chemistry).  
Gross Value - \$39,900.00.
- n. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Phospholipid Autoantibodies in Humans and Animals (to be known as Project No. 2942-B - Ext. #2 - Department of Medical Microbiology).  
Gross Value - \$30,551.00.
- o. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Middle Ear Mucosa - Normal and Experimental (to be known as Project No. 2949-B - Ext. #2 - Department of Otolaryngology).  
Gross Value - \$22,306.00.
- p. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, The Role of the Red Nucleus in Motor Function (to be known as Project No. 2956-B - Ext. #2 - Department of Anatomy).  
Gross Value - \$13,081.00.



November 5, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

4. Government Research Grants - Federal (continued)

- q. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Orthopaedic Importance of Chondromucoproteins (to be known as Project No. 2967-B - Ext. #2 - Department of Surgery).  
Gross Value - \$31,492.00.
- r. National Science Foundation, Washington, D. C., Research in Radio Astronomy (to be known as Project No. 3094-A1 - Amend. #1 - Department of Electrical Engineering).  
Gross Value - \$245,500.00.
- s. National Science Foundation, Washington, D. C., Catalysis by Labile Metal Ions in Mixed Ligan Systems (to be known as Project No. 3101-A1 - Sponsor Ltr. Dtd. 9/17/71 - Department of Chemistry).  
Gross Value - \$38,400.00.
- t. Air Force Office of Scientific Research, Arlington, Virginia, Automatic Pictorial Pattern Recognition Techniques for Use in Sub-optimum Environments (to be known as Project No. 3183-A1 - Mod. #AFOSR-71-2048A - Department of Electrical Engineering).  
Gross Value - \$7,182.00.
- u. National Science Foundation, Washington, D. C., Improvements in Spectral Types and Luminosity Calibration of Late-Type Giants and Supergiants (to be known as Project No. 3328-A1 - New - Department of Astronomy).  
Gross Value - \$15,400.00.
- v. National Science Foundation, Washington, D. C., Design and Development of a Planning and Decision Information System (PDIS) in Puerto Rico (to be known as Project No. 3330-A1 - New - College of Social and Behavioral Sciences, Behavioral Sciences Laboratory).  
Gross Value - \$24,900.00.
- w. National Science Foundation, Washington, D. C., Fluid Mechanics Problems in Arterial Disease (to be known as Project No. 3331-A1 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$75,700.00.

November 5, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

4. Government Research Grants - Federal (continued)

- x. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Mechanisms of Voluntary Action and Voluntary Attention (to be known as Project No. 3333-A1 - New - Department of Psychology).  
Gross Value - \$31,154.00.
- y. National Science Foundation, Washington, D. C., Stimulus Encoding in Human Learning and Retention (to be known as Project No. 3334-A1 - New - Department of Psychology).  
Gross Value - \$18,205.00.
- z. National Science Foundation, Washington, D. C., Optically Transparent Electrodes (to be known as Project No. 3339-A1 - New - Department of Chemistry).  
Gross Value - \$62,800.00.
- aa. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Fellowship Supply Allowance Award (to be known as Project No. 3341-A1 - New - Department of Veterinary Physiology).  
Gross Value - \$1,000.00.

TOTAL - Government Research Grants - Federal \$1,910,997.00

5. Industrial and Other Research Grants

- a. Central Ohio Heart Association, Inc., Columbus, Ohio, Serum Factors Affecting the Activation of Lipoprotein Lipase and Its Potential Relationship to Coronary Artery Diseases (to be known as Project No. 3314-A1 - New - Department of Medicine).  
Gross Value - \$7,500.00.
- b. Central Ohio Heart Association, Inc., Columbus, Ohio, Studies on the Genesis of Heart Sounds, Murmurs and Post-Stenotic Dilatation (to be known as Project No. 3315-A1 - New - Department of Veterinary Physiology).  
Gross Value - \$6,059.00.
- c. Central Ohio Heart Association, Inc., Columbus, Ohio, Hypoxia - An Anti-Deconditioning Factor (to be known as Project No. 3316-A1 - New - Department of Preventive Medicine).  
Gross Value - \$4,687.00.

November 5, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

5. Industrial and Other Research Grants (continued)

- d. Central Ohio Heart Association, Inc., Columbus, Ohio, Study of Renin Physiology During Pregnancy (to be known as Project No. 3317-A1 - New - Department of Medicine).  
Gross Value - \$7,500.00.
- e. Central Ohio Heart Association, Inc., Columbus, Ohio, Human Macrophage Histocompatibility Systems (to be known as Project No. 3318-A1 - New - Department of Medicine).  
Gross Value - \$7,497.00.
- f. Central Ohio Heart Association, Inc., Columbus, Ohio, Coronary and Aortic Smooth Muscle Response to Amyl Nitrite (to be known as Project No. 3319-A1 - New - Department of Physiology).  
Gross Value - \$5,870.00.
- g. Central Ohio Heart Association, Inc., Columbus, Ohio, Relationship Between the Anti-Arrhythmic Effect of Diphenylhydantoin and Potassium and Their Effect on the Cardiac Na - K Activated ATPase (to be known as Project No. 3320-A1 - New - Department of Pharmacology).  
Gross Value - \$7,425.00.
- h. Central Ohio Heart Association, Inc., Columbus, Ohio, Effect of Alterations in the Renal Circulation on Sodium Balance (to be known as Project No. 3321-A1 - New - Department of Medicine).  
Gross Value - \$7,500.00.
- k. Central Ohio Heart Association, Inc., Columbus, Ohio, The Effect of Beta-Adrenergic Agents on the Performance and Metabolism of the Anoxic Heart (to be known as Project No. 3322-A1 - New - Department of Medicine).  
Gross Value - \$7,491.00.
- l. Central Ohio Heart Association, Inc., Columbus, Ohio, Myogenesis in Cardiac Hypertrophy (to be known as Project No. 3323-A1 - New - Department of Pathology).  
Gross Value - \$7,500.00.
- m. Central Ohio Heart Association, Inc., Columbus, Ohio, Mechanism of the Aortic Smooth Muscle Reflex (to be known as Project No. 3324-A1 - New - Department of Physiology).  
Gross Value - \$7,500.00.

November 5, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

5. Industrial and Other Research Grants (continued)

- n. Central Ohio Heart Association, Inc., Columbus, Ohio, Entero-hepatic Circulation of 3-H-Digitalis Glycosides (to be known as Project No. 3325-A1 - New - Department of Medicine).  
Gross Value - \$7,384.00.
- o. Central Ohio Heart Association, Inc., Columbus, Ohio, Renal Lymph and Starling Forces (to be known as Project No. 3326-A1 - New - Department of Physiology).  
Gross Value - \$7,500.00.
- p. Central Ohio Heart Association, Inc., Columbus, Ohio, The Role of Hypoxia in the Initiation of Cardiac Hypertrophy (to be known as Project No. 3327-A1 - New - Department of Medicine).  
Gross Value - \$7,500.00.
- q. Ohio Arts Council, Columbus, Ohio, ADIR (American Dance in Repertory) Residences in Ohio (to be known as Project No. 3336-A1 - New - College of The Arts, Division of Dance).  
Gross Value - \$7,700.00.

TOTAL - Industrial and Other Research Grants \$106,613.00

November 5, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts  
from the Engineering Experiment Station

SUMMARY

(Period: September 15, 1971 - October 14, 1971)

	No. of Projects	Gross Value
Government Research Contract	1	\$37,500.00
Industrial Research Contract	<u>1</u>	<u>36,000.00</u>
Totals	2	\$73,500.00

The Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

1. Government Research Contract

EES 290X      Long Term Deformation in Clay, Ohio Department of  
Ext. #8      Highways, Columbus, Ohio.  
Gross Value - \$37,500.00.

2. Industrial Research Contract

EES 405X      Examination of Effluents Emanating from the Corona  
Discharges of High Voltage Transmission Lines,  
American Electric Power Service Corporation, New  
York, New York.  
Gross Value - \$36,000.00.

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November 5, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS

SUMMARY

(Period: September, 1971)

<u>Grants</u>	
Office of Finance and Treasurer	\$1,507,254.00

<u>Gifts</u>	
The Ohio State University Development Fund	

	Number of	
	Gifts	Amount
Alumni	2,230	\$ 342,202.52
Individuals Other than Alumni	173	71,729.10
Business Concerns	36	124,695.10
Foundations and Nonprofit		
Organizations	<u>38</u>	<u>134,204.73</u>
Totals	2,477	\$ 672,831.45

The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include a specific listing of some of the many gifts received.

Upon motion of Mr. Eckley, seconded by Mr. Harrod, the acceptance of the grants and gifts was approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

November 5, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer

1. \$389,003.00 granted by Agency for International Development, Department of State, Washington, D. C., to the University for support and operation of the Punjab Agricultural University in India, through the College of Agriculture and Home Economics, for the period April 1, 1971 through March 31, 1972. (AID/nesa-147-11)
2. \$292,404.00 granted by The Ford Foundation, New York, New York, to the University for a program to prepare principals and other administrators for schools in urban neighborhoods, under the direction of the College of Education, for a period of twenty months beginning January 1, 1971. (Grant No. 690-0635A)
3. \$210,000.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for support of the "ERIC Clearinghouse on Vocational and Technical Education," under the direction of the Center for Vocational and Technical Education, for the period September 1, 1971 through August 31, 1972. (Contract No. OEC-0-70-1214)
4. \$147,416.00 additional grant by Department of Health, Education and Welfare, Office of Education, Bureau of Libraries and Educational Technology, Washington, D. C., to the University for the operation of an "Institute for Training in Librarianship," under the direction of the University Libraries, for the period June 16, 1971 through July 31, 1972. (Grant No. OEG-0-71-8537)
5. \$94,347.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "In-Service Program in Reading," under the direction of the College of Education, for the period June 9, 1971 through December 31, 1972. (Grant No. OEG-0-70-2057)
6. \$89,952.00 granted by Department of Health, Education and Welfare, Region V, 433 West Van Buren Street, Chicago, Illinois, to the University for "Establishment of the Ohio Professional Health Manpower Outreach Training Program in Twenty-One Appalachian Counties," under the direction of the Department of Preventive Medicine, for the period October 1, 1971 through September 30, 1972. (Grant No. 05H000171 01 0)
7. \$89,951.00 granted by Department of Health, Education and Welfare, Region V, 433 West Van Buren Street, Chicago, Illinois, to the University for "Establishment of a Medical Student Clerkship Field Experience Program in Seven Counties of the Demonstration Health Area of Ohio," under the direction of the Department of Preventive Medicine, for the period October 1, 1971 through September 30, 1972. (Grant No. 05H000166 01 0)

November 5, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

8. \$49,750.00 granted by The Ford Foundation, New York, New York, to the University for further development of the College of Agricultural Engineering at Punjab Agricultural University, under the direction of the College of Agriculture and Home Economics, for a period of three years beginning August 1, 1971. (Grant No. 710-0467)
9. \$42,979.00 granted by National Science Foundation, Washington, D. C., to the University for "The 1972 Short Course in Models of Urban Spatial Ecology and Population for College Teachers," under the direction of the Department of Sociology. This grant terminates on September 30, 1972. (Grant No. GY-9397, Proposal No. 2/0190)
10. \$34,059.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Health Careers of Ohio - Operation MEDIHC, under the direction of the College of Medicine, for the period October 1, 1971 through September 30, 1972. (Contract No. NIH 72-4026)
11. \$27,000.00 granted by State of Ohio, Department of Health, Columbus, Ohio, to the University for "Field Service in Speech and Language Aphasics," under the direction of the Department of Speech Communication, for the period July 1, 1971 through June 30, 1972.
12. \$24,051.00 granted by ACTION, Procurement Division, Washington, D. C., to the University for "The Training of Interns for Service as Peace Corps Volunteers in India," under the direction of the College of Agriculture and Home Economics, for the period September 10, 1971 through June 30, 1972. (Contract No. 72-42009)
13. \$13,327.00 granted by State of Ohio, Department of Health, Columbus, Ohio, to the University for "Training Program in Rehabilitation Nursing," under the direction of the School of Nursing, for the period July 1, 1971 through June 30, 1972.
14. \$3,015.00 granted by Department of Mental Hygiene and Correction, Adult Parole Authority, 427 Cleveland Avenue, Columbus, Ohio, to the University for a course of instruction for the Adult Parole Authority's probation/parole officers, under the direction of the College of Administrative Science, Division of Continuing Education, for the period August 1, 1971 through December 31, 1971.



November 5, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund

1. The trustees of The John A. Hartford Foundation, Inc., have approved a grant to the University in the amount and for the purpose as indicated below subject to formal acceptance by the Board of Trustees:

\$236,725.00 to The Ohio State University Development Fund for use by The Ohio State University College of Medicine for an investigation of the pharmacologic control of portal hypertension described in the University's grant application of July 21, 1971.

President Fawcett recommended therefore that the above-identified grant be accepted and administered in accordance with the conditions set forth in the grant agreement between The John A. Hartford Foundation, Inc., and The Ohio State University.

Upon motion of Mr. Dunlap, seconded by Mr. Hilliker, the Board of Trustees by unanimous voice vote approved the acceptance of the above grant from The John A. Hartford Foundation, Inc.

2. \$185,266.81 in securities from anonymous donors to the Life Pooled Income Fund. The donors are husband and wife; they are joint beneficiaries of the income, with the survivor being the sole beneficiary. At their deaths the principal of the gift goes to the University's Permanent Endowment for "the advancement of medical science through The Ohio State University College of Medicine."
3. \$72,910.00 in securities from an anonymous donor to the Life Pooled Income Fund. The donor is the sole beneficiary of the income. At the death of the donor the principal of the gift is to go to the University's Permanent Endowment for the Joseph Leo Lorbach, Leo W. Lorbach and Irma Gehres Lorbach Memorial Fund to be used for scholarships.
4. \$39,413.68 from Associates of Medicine, Columbus, Ohio, for the Department of Medicine General Fund.
5. \$29,005.00 from The John A. Hartford Foundation, Inc., New York, New York--\$26,499.00 for its research fund in the Department of Obstetrics and Gynecology and \$2,506.00 as an unrestricted gift to the College of Medicine.
6. \$23,100.00 from the Trust under the Will of Glenna R. Joyce, Columbus, Ohio, for the Glenna R. Joyce Scholarship Fund.
7. \$16,077.50 from Hoffmann-LaRoche, Inc., Nutley, New Jersey, for infectious disease research.
8. \$15,000.00 from the Estate of Dorothy D. Henry, Columbus, Ohio, for the College of Veterinary Medicine.

November 5, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

9. \$10,700.00 from the American Foundation for Pharmaceutical Education, Washington, D. C., for its fellowship fund.
10. \$10,050.00 from Bristol Laboratories, Syracuse, New York, for infectious disease research.
11. \$10,000.00 from The Emmet Blakeney Gleason Memorial Fund, Inc., Rochester, New York, for scholarships and unrestricted use by the College of Engineering.
12. \$10,000.00 from Parke, Davis & Company, Detroit, Michigan, for its research fund in the Department of Obstetrics and Gynecology.
13. \$10,000.00 from G. D. Searle & Company, Chicago, Illinois, for its research fund in the Department of Obstetrics and Gynecology.
14. \$10,000.00 from Shell Companies Foundation, Inc., Houston, Texas--\$5,000.00 for its fellowship in mechanical engineering and \$5,000.00 for chemical engineering.
15. \$9,618.00 from Mrs. Leo W. Lorbach, Waverly, Ohio, for scholarships.
16. \$9,000.00 from Mansfield O.S.U. Scholarship Fund, Mansfield, Ohio, for Mansfield Campus scholarships.
17. \$8,966.00 from The Charles F. High Foundation, Bucyrus, Ohio, for its scholarship fund.
18. \$8,500.00 from The Lubrizol Foundation, Cleveland, Ohio--\$4,000.00 for its fellowship in chemistry, \$4,000.00 for its fellowship in chemical engineering, and \$500.00 for the College of Mathematics and Physical Sciences.
19. \$8,500.00 from the Trust under the Will of Anna Roessler for scholarships in the College of Medicine.
20. \$6,894.00 from The Grace High Washburn Trust, Bucyrus, Ohio, for its scholarship fund.
21. \$5,800.00 from Armco Foundation, Middletown, Ohio--\$5,000.00 for its professorship in metallurgy and \$800.00 as an unrestricted gift to the University.
22. \$5,000.00 from Orthopaedic Research and Education Foundation, Chicago, Illinois, for research under the direction of Dr. Paul Curtiss, Jr.

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November 5, 1971 meeting, Board of Trustees

V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Administrative Operations to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization, all extra and credit orders to contracts which have been completed were reported:

A. Dodd Hall Addition

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$1, 702, 785. 00	\$1, 804, 067. 63	\$101, 282. 63

The changes on this project resulted from delays in Federal authority to proceed, design changes, and the necessity to alter specifications because of conditions found during the process of construction.

Funds for these changes have been provided by Budget Account 016016 (Medical Complex State Funds), a transfer from Budget Account 801100 (Wiseman Hall), and from project contingency funds.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations was ratified by unanimous roll call vote.

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VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Administrative Operations, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Optometry Building, 338 West Tenth Avenue--Air Condition (Old Part)

The purpose of this project is to provide air conditioned facilities for the year-round academic program. The existing air handling system will be modified to include a central air conditioning system.

Funds for this project have been provided by Budget Account 330026 (Public Health Service grant) and Budget Account 156400 (Optometry Clinic).

Upon motion of Mr. Harrod, seconded by Dr. Sirak, the above recommendation was approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above project for and on behalf of the Board of Trustees. Vice President Lachner was directed to proceed with a request for bids in the normal University manner and if satisfactory bids were received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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November 5, 1971 meeting, Board of Trustees

## VII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and contracts were recommended for award. The action reported to the Board was as follows:

### A. Lima Campus--Expansion and Improvement of Parking Facilities

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(Five bids received 10-5-71)		
L. M. Cavett Company (Lockland, Ohio)	\$163,515.62	\$207,694.77
<u>Electrical Contract</u>		
(Four bids received 10-5-71)		
Spartan Electric Company (Lima, Ohio)	<u>17,516.00</u>	<u>28,542.00</u>
<u>Total Contracts</u>	<u>\$181,031.62</u>	<u>\$236,236.77</u>

Funds for this project have been provided by Budget Account 921353 (Lima Parking Facilities) and Budget Account 149939 (Lima Campus General Reserve).

### B. Sisson Hall, 1900 Coffey Road--Air Condition Animal Rooms 133 and 141

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Mechanical Contract</u>		
(Seven bids received 10-6-71)		
J. A. Guy, Inc. (Dublin, Ohio)	\$ 19,700.00	\$ 29,700.00

Funds for this project have been provided from Budget Account 801212 (Sisson Hall Remodeling).

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the above award of contracts and expenditures of funds were approved and the action of the Vice President for Administrative Operations ratified by unanimous roll call vote.

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## VIII. RESOLUTION IN MEMORIAM

President Fawcett reported to the Board the death of Hugh Gibson Beatty, Professor Emeritus in the Department of Otolaryngology. In accordance with the instructions of the Board of Trustees, a copy of the following resolution expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the family of the deceased.

November 5, 1971 meeting, Board of Trustees

VIII. RESOLUTION IN MEMORIAM

A. Hugh Gibson Beatty

The Board of Trustees of The Ohio State University expresses its sorrow at the death on August 31, 1971, of Hugh Gibson Beatty, M. D., Professor Emeritus in the Department of Otolaryngology.

Dr. Beatty was born at Jasper Mills in Fayette County on September 12, 1880. He was graduated from The Ohio State University where he earned a Bachelor of Science degree in 1904. He received the Doctor of Medicine degree in 1910 from the Starling-Ohio Medical College. From 1910 to 1911, he served as an intern at Mount Carmel Hospital in Columbus after which he took postgraduate study in New York, Vienna, and Berlin.

Dr. Beatty began his practice in otolaryngology in Columbus in 1913. He was instrumental in founding speech and surgical clinics at St. Francis, University, and Mount Carmel Hospitals between 1915 and 1920. From 1929 to 1948, he was Chairman of the Department of Otolaryngology at The Ohio State University.

Dr. Beatty was a founding member of the Columbus Eye, Ear, Nose, and Throat Society and the American Board of Plastic Surgery. His medical memberships included Columbus Academy of Medicine, Ohio State Medical Association, American College of Surgeons, International College of Surgeons, and numerous other professional organizations.

Dr. Beatty was a charter member of the Scioto Country Club, Columbus Club, University Club, and Columbus Athletic Club.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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IX. REPORTS

A. Report on Action Taken by the Ohio Board of Regents  
at Its Meeting Held September 17, 1971

President Fawcett reported for information and the record that the Ohio Board of Regents took the following action which pertains to The Ohio State University at the meeting on September 17, 1971:

That the request for approval of a new degree proposed by  
The Ohio State University for awarding of the Doctor of  
Arts in Russian Language and Literature was approved.

November 5, 1971 meeting, Board of Trustees

IX. REPORTS (continued)

B. Report on the University's Investment Portfolio and Accountant's Report on the University Dormitory Revenue Bond Funds

The report on the University's Investment Portfolio dated November 5, 1971, and the Accountant's Report on the University Dormitory Revenue Bond Funds, including the financial statements of June 30, 1971, prepared by Peat, Marwick, Mitchell & Co., as submitted to the Finance and Investment Committee of the Board of Trustees, were received and ordered to be filed with the official records of the Board.

C. Distribution of Annual Financial Reports 1970-1971

Executive Director Leggett distributed and commented briefly on the Financial Report of The Ohio State University and the Financial Report of Endowment Funds. These reports were prepared for the fiscal year ended June 30, 1971. A copy of each report was filed with the official records of the Board of Trustees.

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Thereupon the Board adjourned to meet Friday, December 3, 1971, at The Ohio State University, Columbus, Ohio, at 1:30 p.m.

Attest:

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Edward Q. Moulton  
Secretary

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James W. Shocknessy  
Chairman

THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND SEVENTY-SECOND MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, December 3, 1971

The Board of Trustees met at its regular monthly meeting on Friday, December 3, 1971, at The Ohio State University Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: James W. Shocknessy, Chairman, Don M. Hilliker, William C. Safford, John H. Dunlap, Frederick R. Eckley, Robert S. Dorsey, and Howard D. Sirak.

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Minutes of the last meeting were approved.

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GUEST SPEAKER

Mr. Jeffrey Yapalater, Vice President of the Undergraduate Student Government, requested and was granted permission to address the Board on the subject of the Presidential Referendum currently being conducted by the Undergraduate Student Government.

At the conclusion of Mr. Yapalater's remarks the Chair stated that the question raised by Mr. Yapalater concerning governance of the University should more appropriately be directed to the General Assembly of the State. The Chair then directed the Secretary to request that the Presidential Search Committee through its Chairman receive the nomination of the Undergraduate Student Government and give this nomination the same consideration and treat it with the same dignity as all other nominations made to the Search Committee.

REPORT BY CHAIRMAN

Mr. Shocknessy reported that based upon conversations with Mr. Ketterer he is fully satisfied that the Presidential Search Committee is in full command of its affairs. He further gave his assurance that the Board will give its profoundest consideration to the nominees presented to it by the Search Committee. In conclusion Mr. Shocknessy stated that the Board was most pleased by the great prudence and enormous industry displayed by the Committee, as well as the manner in which it had preserved the integrity of its business.

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President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Agricultural Technical Institute, Wooster

The legislation authorizing schools meeting specified standards to award associate degrees, as approved by the Ohio Board of Regents, was provided for in Section 333.10 of the Revised Code by the 106th Ohio General Assembly and amended by the 108th Ohio General Assembly to stipulate that "effective July 1, 1971, all public post high school technical education programs shall be operated by technical institutes, community colleges, university branches, state colleges, state affiliated universities and state universities . . ."

The Ohio Board of Regents' "Master Plan for State Policy in Higher Education" provides for the establishment of academic programs leading to the development of two-year programs in various technologies. In line with this Master Plan and the above legislation The Ohio State University requests authority upon the recommendation of the Council on Academic Affairs and the Faculty Council for the establishment of an Agricultural Technical Institute. The Institute is to be located in Wooster, Ohio, on Ohio Agricultural Research and Development Center land.

President Fawcett recommended that the Agricultural Technical Institute, Wooster, be established to become operational with Autumn Quarter, 1972.

Upon motion of Mr. Dunlap, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

B. Amendments to By-Laws of the Board of Trustees and Rules for the University Faculty

In accordance with Article IX of the By-Laws of the Board of Trustees, President Fawcett recommended that the amendments to By-Laws of the Board of Trustees and Rules for the University Faculty as shown in Appendix III, page 319, to effect the administrative reorganization adopted by the Board of Trustees at the July 30 meeting be approved.

Upon motion of Mr. Safford, seconded by Dr. Sirak, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary of the Board of Trustees was further instructed and given authority to make the foregoing changes in the next printing of the By-Laws of the Board of Trustees and Rules for the University Faculty.

December 3, 1971 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Degrees and Certificates Conferred--Autumn Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Autumn Quarter Commencement Convocation on December 17, 1971, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the Faculty Council. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix IV, page 337.)

Upon motion of Mr. Hilliker, seconded by Mr. Dorsey, the Board of Trustees approved the above recommendation by unanimous voice vote.

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II. PERSONNEL CHANGES

Personnel changes since the November 5, 1971 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Change in Administrative Responsibility, Leaves of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles:

A. Change in Administrative Responsibility

Vernon L. Tharp from Professor in and Acting Chairman of the Department of Veterinary Clinical Sciences and Director of Veterinary Clinics, to Associate Dean of the College of Veterinary Medicine, effective January 1, 1972, at a salary of \$30,012.00 per annum. Dr. Tharp will continue to hold the academic title of Professor in the Department of Veterinary Clinical Sciences at No Salary.

B. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 11, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Beverly A. Koenig, Instructor (County Extension Agent, Home Economics) Henry County, effective January 1, 1972 through March 15, 1972, to participate in a program of professional improvement at Michigan State University.

Raymond A. Schindler, Instructor (Area Extension Agent, Community Resource Development) Fremont Area Center, effective January 1, 1972 through March 15, 1972, to participate in a program of professional improvement at The Ohio State University.

December 3, 1971 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leaves of Absence Without Salary

William A. Stephen, Professor (Extension Specialist, Apiculture), Cooperative Extension Service, and Professor, Department of Entomology, effective November 22, 1971 through December 16, 1971, to serve as a Consultant - National Council of Churches in Greece.

Alvia Bozeman, Associate Professor, College of Education, effective January 1, 1972 through March 31, 1972, for personal reasons.

Mary E. Fontana, Assistant Professor, Department of Medicine, effective November 1, 1971 through January 31, 1972, for personal reasons.

Essa G. Hannoush, Instructor, Department of Radiology, effective October 1, 1971 through June 30, 1972, for personal reasons.

Raymond A. Schindler, Instructor (Area Extension Agent, Community Resource Development) Fremont Area Center, Cooperative Extension Service, effective April 1, 1972 through June 30, 1972, to participate in a program of professional improvement at The Ohio State University.

D. Emeritus Titles

Helen E. Dean, University Libraries, with the title Professor Emeritus, effective December 1, 1971.

H. Campbell Haynie, Department of Medicine, with the title Professor Emeritus, effective November 1, 1971.

Margaret Oldfather, University Libraries, with the title Professor Emeritus, effective November 1, 1971.

President Fawcett recommended that the Change in Administrative Responsibility, Leaves of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Safford, seconded by Mr. Eckley, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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December 3, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

SUMMARY

(October 16, 1971 - November 12, 1971)

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	7	\$290,749.78
Industrial and Other Research	4	52,998.33
<u>Grants</u>		
Government Research - Federal	11	386,695.00
Industrial and Other Research	<u>12</u>	<u>93,570.00</u>
Totals	34	\$824,013.11

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Eckley, seconded by Mr. Safford, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

December 3, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS. RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal

- a. Department of Navy, Office of Naval Research, Arlington, Virginia, Conducting a Course of Instruction in Navy Price Analysis (to be known as Project No. 1086 - Mod. #26 - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$140,880.00.
- b. Department of Air Force, Air Force Systems Command, 4950th Test Wing (Technical), Wright Patterson Air Force Base, Ohio, Antennas with Solid State Circuitry (to be known as Project No. 2744 - Mod. #P00006 - Department of Electrical Engineering).  
Gross Value - \$20,000.00.
- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Library of Medicine, Bethesda, Maryland, Ohio Medlars Center (to be known as Project No. 2943 - Mod. #6 - College of Medicine).  
Gross Value - \$49,687.00.
- d. Department of Navy, Office of Naval Research, Arlington, Virginia, Infrared Spectra (to be known as Project No. 2957 - Mod. #2 - Department of Physics).  
Gross Value - \$179.81.
- e. Department of Air Force, Air Force Institute of Technology, Wright Patterson Air Force Base, Ohio, Work Schedule - AFIT - School of Systems and Logistics (to be known as Project No. 3045-A1 - Mod. #M03 - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$998.97.
- f. Department of Navy, Office of Naval Research, Arlington, Virginia, Defense Termination Settlement and Negotiation Course (to be known as Project No. 3150-A1 - Mod. #2 - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$30,632.00.
- g. Department of Transportation, Federal Highway Administration, Contracts and Procurement, Washington, D. C., Feasibility Study and Preliminary Design of a System for Rapid Evaluation of Rational Pavement (to be known as Project No. 3347-A1 - New - Engineering Experiment Station).  
Gross Value - \$48,372.00.

TOTAL - Government Research Contracts - Federal \$290,749.78

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

2. Industrial and Other Research Contracts

- a. General Industrial, Study of Dental Calculus (to be known as Project No. 2070 - Sponsor Ltr. Dtd. 10/16/70 - College of Dentistry).  
Gross Value - \$4,182.33
- b. Union Carbide Corporation, Nuclear Division, Oak Ridge, Tennessee, Fundamental Study of Spiking in Partial Penetration Electron Beam Welding of Uranium and Refractory Materials (to be known as Project No. 2918 - Sup. #3 - Department of Welding Engineering).  
Gross Value - \$35,900.00.
- c. Battelle Memorial Institute, Columbus Laboratories, Columbus, Ohio, The Role of Acetaldehyde in the Actions of Ethanol (to be known as Project No. 3142-A1 - Sup. #3 - Department of Pharmacology).  
Gross Value - \$4,139.00.
- d. Ohio Contractors Association, Columbus, Ohio, Job Order System for Highway-Heavy Contractors (to be known as Project No. 3342-A1 - New - College of Administrative Science, Accounting).  
Gross Value - \$8,777.00.

TOTAL - Industrial and Other Research Contracts \$52,998.33

3. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Allergy and Infectious Diseases, Bethesda, Maryland, Studies on Larval and Adult Mosquitoes (to be known as Project No. 702-P - Ext. #15 - Department of Entomology).  
Gross Value - \$25,929.00.
- b. National Aeronautics and Space Administration, Washington, D. C., Fluid Dynamic Aspects of Cardiovascular Behavior During Vibration (to be known as Project No. 2732 - Sup. #2 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$6,000.00.
- c. National Science Foundation, Washington, D. C., Software and Hardware Requirements for Real-Time Film Animation (to be known as Project No. 2801 - Amend. #1 - College of The Arts, Division of Art).  
Gross Value - \$159,200.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- d. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, A Study of High Performance Antenna Systems for Space Communication (to be known as Project No. 2902 - Sup. #3 - Department of Electrical Engineering).  
Gross Value - \$30,000.00.
- e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Pathology of Myocardial Hypertrophy (to be known as Project No. 2944-B - Ext. #2 - Department of Pathology).  
Gross Value - \$20,039.00.
- f. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Comparative Studies in Perinatal Toxicology (to be known as Project No. 2962-B - Ext. #2 - Department of Veterinary Physiology and Pharmacology).  
Gross Value - \$35,073.00.
- g. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Flush-Mounted Antennas Radiating Through Dielectric-Covered Curved Surfaces (to be known as Project No. 3001-A1 - Sup. #3 - Department of Electrical Engineering).  
Gross Value - \$30,000.00
- h. National Science Foundation, Washington, D. C., Systematics and Phytogeography of Vascular Plants of the South Polar Regions (to be known as Project No. 3128-A1 - Amend. #1 - Institute of Polar Studies).  
Gross Value - \$20,200.00.
- i. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Development of Computer Programs for the Analysis of Spacecraft Antennas (to be known as Project No. 3348-A1 - New - Department of Electrical Engineering).  
Gross Value - \$14,000.00.
- j. National Science Foundation, Washington, D. C., Linguistic Units and Boundaries (to be known as Project No. 3349-A1 - New - Department of Linguistics).  
Gross Value - \$24,300.00.

December 3, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- k. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Potentially Therapeutically Useful NAD Antagonists (to be known as Project No. 3351-A1 - New - Department of Chemistry).  
Gross Value - \$21,954.00.

TOTAL - Government Research Grants - Federal \$386,695.00

4. Industrial and Other Research Grants

- a. American Heart Association, Eastern Ohio Chapter, Youngstown, Ohio, Dietary Sucrose and Lipid Metabolism (to be known as Project No. 3102-A2 - Sponsor Ltr. Dtd. 10/27/71 - Department of Food Science and Nutrition).  
Gross Value - \$6,762.00.
- b. Damon Runyon Memorial Fund for Cancer Research, Inc., New York, New York, Release of Virus-Induced Tumor Specific Transplantation Antigen(s) from Corresponding Transformed or Tumor Cells (to be known as Project No. 3340-A1 - New - Department of Veterinary Pathology).  
Gross Value - \$18,000.00.
- c. Central Ohio Heart Association, Inc., Columbus, Ohio, Mathematical Characterization of Heart Sounds in the Dog and Horse (to be known as Project No. 3343-A1 - New - Department of Veterinary Physiology).  
Gross Value - \$5,355.00.
- d. American Heart Association, Eastern Ohio Chapter, Youngstown, Ohio, Myocardial Fine Structure Changes Due to Action of Cardiac Glycosides (to be known as Project No. 3344-A1 - New - Department of Pharmacology).  
Gross Value - \$7,445.00.
- e. American Heart Association, Eastern Ohio Chapter, Youngstown, Ohio, Mechanism(s) of Augmented Glycoside Actions on Mammalian Hearts (to be known as Project No. 3345-A1 - New - Department of Pharmacology).  
Gross Value - \$7,140.00.
- f. Damon Runyon Memorial Fund for Cancer Research, Inc., New York, New York, Control of Cellular Proliferation (to be known as Project No. 3346-A1 - New - Department of Physiological Chemistry).  
Gross Value - \$11,000.00.



December 3, 1971 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

4. Industrial and Other Research Grants (continued)

- g. Research Corporation, New York, New York, Unique Biosynthetic Uses for Mevalonic Acid (to be known as Project No. 3350-A1 - New - Department of Chemistry).  
Gross Value - \$5,000.00.
- h. American Heart Association, Eastern Ohio Chapter, Youngstown, Ohio, Preservation of Myocardial Function During Ischemia and Anoxia (to be known as Project No. 3352-A1 - New - Department of Surgery).  
Gross Value - \$7,193.00.
- i. American Heart Association, Eastern Ohio Chapter, Youngstown, Ohio, Chromium and Coronary Artery Disease (to be known as Project No. 3353-A1 - New - Department of Pathology).  
Gross Value - \$7,497.00.
- j. Central Ohio Heart Association, Inc., Columbus, Ohio, Blood Flow and Vascular Resistance in the Distended Gastro-Intestinal Tract (to be known as Project No. 3354-A1 - New - Department of Physiology).  
Gross Value - \$5,728.00.
- k. Central Ohio Heart Association, Inc., Columbus, Ohio, Immunohistochemistry of Myocardial Enzymes (to be known as Project No. 3355-A1 - New - Department of Pathology).  
Gross Value - \$7,500.00.
- l. American Cancer Society, Ohio Division, Inc., Cleveland, Ohio, Feasibility of in vivo Synchronization and Increasing the Growth Fraction of Slow Growing Tumors Prior to Chemotherapy (to be known as Project No. 3356-A1 - New - Department of Physiological Chemistry).  
Gross Value - \$4,950.00.

TOTAL - Industrial and Other Research Grants \$93,570.00



December 3, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS

SUMMARY

(Period: October, 1971)

Grants  
Office of Finance and Treasurer \$1,871,958.00

Gifts  
The Ohio State University Development Fund

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	2,258	\$ 52,746.35
Individuals Other than Alumni	1,054	20,351.25
Business Concerns	40	96,048.82
Foundations and Nonprofit Organizations	<u>36</u>	<u>52,976.33</u>
Totals	3,388	\$ 222,122.75

The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include the establishment of named funds and a specific listing of some of the many gifts received.

Upon motion of Dr. Sirak, seconded by Mr. Dorsey, the acceptance of the grants and gifts and the establishment of the named funds was approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

December 3, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer

1. \$1,700,000.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for "A Comprehensive Career Education Model," under the direction of the Center for Vocational and Technical Education, for the period October 1, 1971 through June 30, 1972. (Grant No. OEG-3-7-000158-2037)
2. \$42,041.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Nursing Student Loan and Nursing Scholarship Programs, under the direction of the School of Nursing, for the period July 1, 1971 through June 30, 1972. (I.D. No. B 7 45 0430 15 1)
3. \$30,483.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "The Biosynthesis of Neurohypophyseal Hormones," for a Development Award - Research Career Program, under the direction of the Department of Medicine, for the period July 1, 1971 through June 30, 1972. (Grant No. 5 K03 AM11519-04)
4. \$30,305.00 granted by Ohio Bureau of Employment Services, Columbus, Ohio, to the University for training services for employees of the Ohio Bureau of Employment Services (fifteen new entry and thirty upgrade trainees), under the direction of the Division of Continuing Education, for the period September 1, 1971 through August 31, 1972. (Contract No. NCES 1039)
5. \$24,786.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "Sarcoid Etiology Effect of SM on Phi X-DNA Replication," for a Development Award - Research Career Program, under the direction of the Department of Medical Microbiology, for the period January 1, 1972 through December 31, 1972. (Grant No. 5 K03 AI05714-05)
6. \$18,550.00 granted by U. S. Department of Labor, Manpower Administration, Office of National Projects, Washington, D. C., to the University for a fellowship in manpower and computer technology, under the direction of the Department of Computer and Information Science, for the period October 1, 1971 through September 30, 1973. (Grant No. 98-39-72-001)

December 3, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

7. \$15,000.00 granted by Agency for International Development, Department of State, Washington, D. C., for tuition for Human Resource Training Institute, under the direction of the College of Administrative Science, Division of Research (Center for Human Resource Research). (Contract No. AID/cds/410)
8. \$6,293.00 granted by Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Manpower Education, Bethesda, Maryland, to the University for Nursing Student Loan and Nursing Scholarship Programs, under the direction of the School of Nursing, for the period July 1, 1971 through June 30, 1972. (I. D. No. G 7 45 0430 15 1)
9. \$4,500.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for "The Adolescent's World - Tune In and Turn On - Training Grant," under the direction of the School of Nursing, for the period October 18, 1971 through October 20, 1971. (Grant No. 1 A06 AH 05034-01)

B. The Ohio State University Development Fund

1. \$31,500.00 from the Eastman Kodak Company, Rochester, New York--\$16,500.00 as an unrestricted gift to the University, \$10,000.00 for its research fund in Chemistry, and \$5,000.00 for its fellowship in Chemical Engineering.
2. \$20,000.00 from Alcoa Foundation, Pittsburgh, Pennsylvania, for its Professorship in Chemical Engineering.
3. \$13,000.00 from Ohio Electric Utility Institute, Columbus, Ohio, for its fellowship fund in the Department of Electrical Engineering.
4. \$10,000.00 from General Electric Foundation, Bridgeport, Connecticut--\$5,000.00 for its research fund in Industrial Engineering and \$5,000.00 to assist Ph. D. programs leading to the development of future faculty in Accounting.
5. \$8,000.00 from National/Ohio 4-H Foundation Campaign for the 4-H Foundation Fund.
6. \$7,500.00 from Suburban Motor Freight, Inc., Columbus, Ohio, for the James Riley Professorship of Marketing and Logistics.
7. \$7,000.00 from E. F. Wildermuth Foundation, Columbus, Ohio, for its named scholarship and loan fund.
8. \$5,650.00 from G. D. Searle & Company, Chicago, Illinois, for research in gastrointestinal cancer.
9. \$5,000.00 from the Estate of Carl G. Ungericht, Columbus, Ohio, for a loan fund for students in the College of Pharmacy.

December 3, 1971 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

10. \$2,500.00 from Mr. and Mrs. Alfred C. Le Feber for the establishment of the Susan Baird Le Feber Memorial Fund.

Susan Baird Le Feber Memorial Fund

The Susan Baird Le Feber Memorial Fund was established December 3, 1971, by the Board of Trustees of The Ohio State University with a gift through The Ohio State University Development Fund from Mr. Alfred C. Le Feber, B.A. '40, J.D. '50, and Janet Spears (Mrs. Alfred C.) Le Feber, B.Sc.Soc. Adm. '43, Geneva, Illinois, in memory of their daughter.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of the University, with the right to invest and reinvest as occasion dictates.

Income is to be used for approved programs and activities of the College of Law as selected and determined by the Dean of the College of Law.

In the event the College of Law, as it now exists, shall be altered in any reorganization of the University, then the administrative official of the University directly responsible for legal education shall direct the use of this fund in accordance with the above provisions.

11. \$1,000.00 from Alden R. Winter for the establishment of the Alden R. Winter Poultry Research Fund.

Alden R. Winter Poultry Research Fund

The Alden R. Winter Poultry Research Fund was established December 3, 1971, by the Board of Trustees of The Ohio State University with a gift to The Ohio State University Development Fund from Alden R. Winter, M.S. '21, Ph.D. '29, Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University with the right to invest and reinvest as occasion dictates.

The annual income is to be used to support a graduate student research assistantship in Poultry Science.

Should the need for this research cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to recommendations from the appropriate administrative official of the University who is then directly responsible for Poultry Science.

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V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization, all extra and credit orders to contracts which have been completed were reported:

A. Buckeye Village--Modernization of Electrical Systems in Phase One Buildings

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 29,205.00	\$ 58,404.00	\$29,199.00

The changes on this project represent deviations from the original specifications due to conditions found during process of construction.

Funds for this project have been provided by Budget Account 998295 (Dormitory Contingency Fund).

B. Derby Hall--Improvements for Political Science Department

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 35,497.00	\$ 36,040.00	\$ 543.00

The changes on this project represent deviations from the original specifications due to conditions found during process of construction.

Funds for this project have been provided by Budget Account 801231 (Derby Hall Alterations) and House Bill 531, Item 315-074 (Utilities and Renovations).

C. Lima Technical Building

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$822,665.00	\$825,370.97	\$ 2,705.97

This cost increase resulted from adoption of more stringent flamespread and smoke ratings on carpet specifications, building identification letters, and a request by the fire chief to relocate two fire hydrants.

Funds for this project have been provided by Budget Account 801132 (Lima Technical Education Laboratory).

December 3, 1971 meeting, Board of Trustees

V. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

D. Orton Hall--Exterior Restoration and Waterproofing

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 28,778.00	\$ 38,078.00	\$ 9,300.00

The changes on this project represent deviations from the original specifications due to conditions found during process of construction.

Funds for this project have been provided by Budget Account 124358 (Contract Repair).

Upon motion of Mr. Hilliker, seconded by Mr. Eckley, the above extra and credit orders to contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations was ratified by unanimous roll call vote.

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VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Administrative Operations, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Arps Parking Ramp, Waterproofing Top Floor Levels

This project involves the cleaning, sandblasting, and preparation of approximately 45,500 sq. ft. of concrete decks and the application of a vehicular membrane waterproofing.

Funds for this project have been provided from Budget Account 801250 (Arps Ramp Sealing).

B. Neil Hall, Air Conditioning and Improvements

This project involves changing the utilization from Dormitory to Apartments, including air conditioning, minor remodeling, installing kitchen units, and electrical wiring.

Funds for this project have been provided from Budget Account 920600 (Dormitory Revenue Account).

Upon motion of Mr. Hilliker, seconded by Mr. Eckley, the above recommendations were approved by unanimous roll call vote, and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Lachner was directed to proceed with a request for bids in the normal University manner and if satisfactory bids were received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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December 3, 1971 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACT

A. State Health Laboratory - Demolition - 382 West 10th Avenue

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(1 bid received 11-22-71)		
B & B Wrecking Company		
(Cleveland, Ohio)	\$8,700.00	\$15,200.00

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

Upon motion of Mr. Dorsey, seconded by Mr. Safford, the above award of contract and expenditure of funds were approved and the action of the Vice President for Administrative Operations ratified by unanimous roll call vote.

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VIII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Authorization to Purchase Land and Services  
from Nationwide Communications, Inc.

The 108th Ohio General Assembly authorized through House Bill 531 the further development of educational television transmitting facilities. To implement the development of specific facilities authorized through this action, President Fawcett recommended that the President and/or Vice President for Administrative Operations be authorized to purchase a 45.815 acre site in Genoa Township, Delaware County, for the sum of \$100,793 through the University Investment Portfolio funds and to recompense Nationwide Communications, Inc., the additional sum of \$52,500 from Federal funds for the out-of-pocket expenses which were advanced by this Corporation associated with the selection, acquisition, obtaining of Federal clearances, and development of this site.

Funds for the construction of the 1,000 foot television tower have been made available from grants from the Ohio Educational Television Network Commission and from the Department of Health, Education, and Welfare.

This recommendation supersedes the recommendation of December 4, 1970.

Upon motion of Mr. Safford, seconded by Dr. Sirak, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

VIII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

B. Acquisition of Property - 3371 Granville Road,  
Worthington, Ohio

Pursuant to action taken by the Board of Trustees on December 10, 1964, relative to the purchase of property in the Don Scott Field area, President Fawcett recommended that the back approximately 30-acre portion of a farm located at 3371 West Granville Road, Worthington, Ohio, be purchased from Adah Prushing et al with University Investment Portfolio funds.

This purchase is proposed to be made in three payments with the first payment to be made not later than December 30, 1971, and the other two payments to be paid on February 1 of each year thereafter until fully paid.

It was recommended further that the President and/or the Treasurer be authorized to execute the agreement to purchase the property as described above and the promissory note setting forth the terms of the installment purchase.

Upon motion of Mr. Dunlap, seconded by Mr. Safford, the above recommendations were approved by unanimous roll call vote.

C. Gas Line Easement - Columbia Gas of Ohio, Inc.

Columbia Gas of Ohio, Inc., has requested permission to construct a four-inch gas line across University property, commencing on Case Road west of the Aeronautical and Astronautical Research Laboratory, proceeding westward to the intersection of Sawmill Road.

The construction of this gas line will provide gas service to the University's Animal Science Center currently being constructed in the Don Scott Field area.

President Fawcett recommended that an easement necessary for the installation of the gas line be granted to Columbia Gas of Ohio, Inc., and that the President and/or Vice President for Administrative Operations be authorized to act on behalf of the University in executing the necessary legal instruments to provide for the easement and to request the Director of Public Works pursuant to his statutory duties to develop the necessary legal instruments to provide for the gas line easement.

Upon motion of Mr. Safford, seconded by Dr. Sirak, the foregoing recommendation was approved by unanimous roll call vote.

VIII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

D. Telephone Line Easement, Don Scott Field,  
Ohio Bell Telephone Company

The Ohio Bell Telephone Company has requested an easement on State of Ohio lands to provide additional telephone service for the Department of Aviation and to the new FAA control tower.

The Ohio Bell Telephone Company has agreed to provide this additional service and convert its present pole-mounted telephone lines to an underground system.

President Fawcett recommended that an easement be granted to the Ohio Bell Telephone Company, giving permission to install an underground telephone line system at Don Scott Field, and that the President and/or the Vice President for Administrative Operations be authorized to request the Director of Public Works, pursuant to his statutory duties, to act on behalf of the University in developing the necessary legal instruments to provide for the installation of the underground telephone system.

Upon motion of Mr. Hilliker, seconded by Mr. Dunlap, the foregoing recommendation was approved with six affirmative votes and Mr. Eckley abstained from voting.

E. Demolition of Horticulture and Forestry Greenhouses,  
Numbers 1, 2, 3, 4, 5, and 14, 1827 Neil Avenue

Upon the request of the Vice President for Administrative Operations, President Fawcett recommended that the Horticulture and Forestry Greenhouses, Numbers 1, 2, 3, 4, 5, and 14, located at 1827 Neil Avenue, be demolished as soon as practical to clear the site for future development of the area in accordance with the Master Plan of the University.

This demolition will be accomplished in the normal University manner with the schedule to be established by the Vice President for Administrative Operations at a cost not to exceed \$6,500. Funds are available in Budget Account 124358 (Contract Repair).

Upon motion of Mr. Eckley, seconded by Mr. Safford, the above recommendation was approved by unanimous roll call vote.

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IX. RESOLUTION IN MEMORIAM

President Fawcett reported to the Board the death of Weikko Alexanteri Heiskanen, Professor Emeritus in the Department of Geodetic Science. In accordance with the instructions of the Board of Trustees, a copy of the following resolution expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the family of the deceased.

December 3, 1971 meeting, Board of Trustees

IX. RESOLUTION IN MEMORIAM (continued)

A. Weikko Alexanteri Heiskanen

The Board of Trustees of The Ohio State University expresses its sorrow at the death on October 23, 1971, of Weikko Alexanteri Heiskanen, Professor Emeritus in the Department of Geodetic Science.

Dr. Heiskanen was born in Finland on July 2, 1895. He was graduated from the University of Helsinki with a "primus" Master of Science and "ultimus" Ph.D. in 1924.

The first seven years after graduation Dr. Heiskanen was employed as a State Geodesist and the following twenty-one years he served as a Professor in Geodesy at Finland's Institute of Technology. In 1949 he was appointed as the Director of the Finnish Geodetic Institute by the President of Finland. In this capacity he served for twelve years of which the last ten were shared between the Institute and The Ohio State University. Dr. Heiskanen came to Ohio State as a Visiting Professor in 1950 and was appointed a Professor in 1951 from which position he retired in 1965. During his stay here, he also served as Director of the Institute of Geodesy, Photogrammetry and Cartography. This Institute was actually born because of his presence here and was the forerunner of the Department of Geodetic Science. Dr. Heiskanen's contribution to education and research in geodetic science at The Ohio State University was outstanding. During his stay he also supervised several large research projects sponsored predominately by the Armed Forces.

Dr. Heiskanen served as President of one cultural and three scientific societies in Finland. He was also Vice President of the International Union of Geodesy and Geophysics and President of the Physical Geodesy Section of the International Association of Geodesy. He served as a member of the Finnish Parliament between the years 1933-1936.

Dr. Heiskanen wrote eleven textbooks--some in Finnish, some in English, and one in German. He contributed to seven different encyclopaedias. He wrote altogether approximately 3,600 pages of text and handbooks and about 4,200 pages of other scientific writings. He also made considerable contributions to religious literature. His latest writing in this field was entitled, "Where Is the Heaven?"

Dr. Heiskanen held membership in eight Academies of Science in various countries. His latest membership came in 1965 when he was appointed by the Pope as a member of the Pontifical Academy of Sciences. He held honorary membership in seven scientific societies and received honorary degrees from the University of Bonn, Germany; University of Uppsala, Sweden; Finland's Institute of Technology, and The Ohio State University.

In the long list of medals and awards conferred upon him is the William Bowie Medal of the American Geophysical Union which he received in 1956.

December 3, 1971 meeting, Board of Trustees

IX. RESOLUTION IN MEMORIAM (continued)

A. Weikko Alexanteri Heiskanen (continued)

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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X. REPORTS

A. Report on the University's Investment Portfolio

The report dated December 3, 1971, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees

B. Report from the Retirement and Insurance Committee

1. Alexander & Alexander Report

Dr. Sirak reported that Alexander & Alexander would present a report of findings concerning the insurance program of the University to appropriate members of the University administration and members of the Retirement and Insurance Committee on December 17, 1971.

2. Insurance and Retirement Program for University Employees

Dr. Sirak, a member of the Retirement and Insurance Committee, recommended that the following amendments to the insurance program for faculty, staff, and all regular employees of The Ohio State University be approved:

That the John Hancock Mutual Life Insurance Contracts Nos. 1035-G and 58175-GTC as amended for faculty and staff and Contract No. GTC-58175-100 as amended for classified and hourly employees be amended further to include the following changes to be made effective January 1, 1972, or as soon thereafter as legally permissible under the terms of the President's Economic Stabilization Program:

1. Annual automatic restoration of major medical maximum benefits up to \$2,500 or 10% in any one year but not to exceed the maximum benefit of \$25,000; and

December 3, 1971 meeting, Board of Trustees

X. REPORTS (continued)

B. Report from the Retirement and Insurance Committee (continued)

2. Insurance and Retirement Program for University Employees (continued)

2. Cover private duty nursing service by a Licensed Practical Nurse when a Registered Nurse is not available during non-hospital confinement when approved by a physician for not more than 60 days during one period of disability.

That continuous hospital and medical coverage for unmarried dependent children mentally or physically incapable of support is hereby recognized as applicable to all hospitalization and medical insurance held by The Ohio State University, as of January 1, 1972. (This provision is in accordance with Senate Bill No. 136 of the General Assembly, effective December 20, 1971.)

Detailed statements on foregoing amendments are on file with the records of the Board of Trustees.

Upon motion of Dr. Sirak, seconded by Mr. Safford, the foregoing recommendation was approved by unanimous roll call vote.

C. Report from the Finance and Investment Committee

1. Purchase of the State of Ohio (Department of Commerce - Division of Aviation) Hangar (Don Scott Field)

Mr. Safford, Chairman of the Finance and Investment Committee, presented the following recommendation:

At the December 4, 1970 meeting of the Board of Trustees, authority was granted for the sale of 12.318 acres of land to the Ohio Building Authority for the construction of a hangar facility on the north side of the University Airport. In accordance with the agreement, the University in turn would purchase the interest of the Department of Commerce - Division of Aviation in the present hangar based upon MAI appraisals.

It was recommended that the President and/or Vice President for Administrative Operations be authorized and empowered to execute the necessary legal documents transferring jurisdiction for the hangar from the ownership of the State of Ohio (Department of Commerce - Division of Aviation) to the State of Ohio (The Ohio State University) upon payment of the appraised value.

Upon motion of Mr. Safford, seconded by Dr. Sirak, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

December 3, 1971 meeting, Board of Trustees

X. REPORTS (continued)

D. Report by President Fawcett on Revisions in Existing Rules, Regulations, and Procedures Concerning Disruption

President Fawcett made the following statement:

I would like to bring to your attention at this time a matter which will be coming before you for action at the next Board meeting. During the past year the Faculty Council of this University, based upon an Ad Hoc Committee report, has proposed a number of revisions in the existing rules, regulations, and procedures concerning disruption. These proposed revisions are in two parts. After extensive hearings and discussion the Faculty Council passed a modified hearing procedure which I am now distributing to you. The second action which I am also distributing to you is concerned with modifications in the disruption rule. Before the next Board meeting the Faculty Council will also be taking final action on this document after it has been returned to the Council by the Rules Committee. I have distributed a draft of these modifications since it is anticipated that this document will be adopted with only minor changes if any. I am making both of these documents available to you so as to provide you with time to study these revisions before being asked to take action. I also wish to indicate to you that I will recommend favorable action by you on both of these documents.

In so doing, however, I am not unmindful of the fact that for the revised hearing procedure to be successful it must enjoy a broad base of support from within the University community. This I believe it has. In requesting your support specifically of this revision I wish it understood that if this revised procedure proves unworkable or inoperable for any reason I will request immediate reinstitution of the hearing officer procedure which is provided for under our current rules.

I do not have similar reservations about the proposed revisions in the disruption rule. I think these changes will sharpen up the rule and make for a generally better understanding of it. At the same time it should be understood that the University general conduct rules and existing State statutes provide a further safeguard against excesses in conduct by individuals on this campus.

Unless there are any questions on these two documents by Board members at this time, I will assume that this matter will come before the Board at its next meeting which is scheduled for February 4. Thank you.

## Rules for the University Faculty

### 29.2725. Hearing Officers and Panels.

Section 1. The Council on Student Affairs shall recommend to the President, subject to the approval of the Board of Trustees, a list of attorneys, unaffiliated with the University, who shall be authorized to act as hearing officers to preside over disciplinary proceedings under Rule 51.03. One such attorney shall be designated by the President as Chief Hearing Officer, whose duties shall include:

- (a) Assisting the Council on Student Affairs in preparing and enacting procedural rules to guarantee due process, including, but not limited to, the procedural recommendations contained in the Report and Recommendations of the University Committee on Rights and Responsibilities (The Ohio State University, September 15, 1968);
- (b) Selecting Hearing Officers as needed from the approved list;
- (c) Reviewing every case in which sanctions have been recommended, to determine whether such sanctions should be imposed or reduced, or whether the case should be dismissed or remanded for further hearing;
- (d) Forwarding completed cases to the Vice President for Administrative Operations for administrative implementation in accordance with their final determination by the Chief Hearing Officer;
- (e) Hearing on appeal student disciplinary cases, not including University actions relating to academic failure or violations of a code of professional ethics or of an honor code of those colleges or academic units having such codes, where an appeal is taken by any student from any such action by his College, University Committee, or other properly authorized University adjudicatory body, only in those cases where the penalty assessed was suspension, dismissal, or expulsion.

Section 2. That an array of Hearing Panelists, large enough to allow at least three panels, shall be selected by lot consisting of:

- (a) Faculty members,
- (b) Undergraduate students,
- (c) Graduate and professional students, and
- (d) Administrative staff members.

Any person selected to serve as Hearing Panelist may be exempted from such service if he declines.

The Chief Hearing Officer shall, by lot, select from the array Hearing Panels, each composed of two faculty members, two undergraduate students, one graduate or professional student, and one administrative staff member. The Hearing Panels shall have original jurisdiction to hear cases of alleged student violation of Rule 51.03 brought before it by authorized University officials, make findings of fact, determine a verdict, and, in the event of a guilty verdict, to recommend sanctions.



Rules for the University Faculty

29.2725. Hearing Officers and Panels. (continued)

The University and the Defendant shall have the right to challenge for cause. The Hearing Officer shall hear challenges for cause.

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29.2726. Pending Criminal Law Suit.

Section 1. Whenever a criminal court exercises jurisdiction over acts which allegedly constitute a disruption by University rules, the University shall not exercise jurisdiction, except that in extraordinary cases, where there is a clear and present danger of repeated or continued violation of the disruption rule, the University may bring the student before a Hearing Officer and Panel to find whether he poses such a danger. If the Panel finds that he does, it shall recommend that the continued enrollment of the student be dependent on his being placed on strict disciplinary probation, under such terms and conditions as the Hearing Officer may specify (except that the student may not be deprived of University scholarship, loan, grant-in-aid, or employment). The term of probation shall last until such time as the Hearing Officer shall, on his own initiative or upon petition by the student, find that the danger no longer exists. If the student is alleged to have violated probation, he will be subject to an immediate hearing before a Hearing Officer, and if found guilty of violating probation, be temporarily suspended or dismissed from the University pending a full hearing.

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45.03. Group Absences.

Section 4 revoked.

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51.03. Disruption.

Section 1. No student, faculty, staff, visitor, or other person shall, with an intent to disrupt University authorized activities:

- (a) obstruct the lawful movement of any person or persons about the campus, into or out of any University building or facility, or within any University building or facility, and fail to desist when so ordered by an authorized University official;
- (b) obstruct the movement of vehicular traffic on the streets of the University, and fail to desist when so ordered by an authorized University official;
- (c) occupy a University building or facility in such a manner as to prevent others from carrying out University authorized activities and fail to depart when informed by an authorized University official that he is disrupting University authorized activities and must depart;

## Rules for the University Faculty

### 51.03. Disruption. (continued)

- (d) interfere with the conduct of a class, office, laboratory, or other University authorized activity by shouting, chanting, marching, throwing missiles, or otherwise creating such a disturbance that the authorized activity cannot, in the judgment of an authorized University official, be carried on, and fail to desist when so ordered by an authorized University official;
- (e) employ force or violence, or the explicit threat of force or violence, to prevent any person or persons from carrying out University authorized activities;
- (f) damage public address systems, television sets, laboratory equipment, computer systems, or other property used for the carrying out of University authorized activities;
- (g) solicit any person or persons to violate subsections (a) through (f) of this rule, knowing that there is a clear and present danger that such violations will occur (but a person shall not be charged with soliciting unless a violation of subsections (a) through (f) occurs as a result of his solicitation).
- (h) This rule shall not be interpreted as proscribing peaceful demonstrations, peaceful picketing, a call for a peaceful boycott of classes, or other forms of peaceful dissent.

Any student found guilty of the conduct proscribed in subsections (a) through (g) shall be subject to maximum sanction of dismissal or any lesser disciplinary sanction pursuant to Rule 29.2725.

Non-students charged with the conduct proscribed in subsections (a) through (g) shall be referred to an appropriate authority.

### Section 2. Definitions.

- (a) The phrase "with an intent to disrupt" shall be taken to mean that a person knows or reasonably should know that his act or acts will have the consequence of preventing others from carrying out University authorized activities.
- (b) The phrase "to obstruct" shall be taken to mean making the movement of a person or vehicle from one place to another difficult or impossible; it shall not be taken to mean making that movement inconvenient.
- (c) The phrase "University authorized activity" shall be taken to mean any activity that the University conducts, sponsors, or permits to be carried out on the campus or in any University building or facility.

Rules for the University Faculty

51.03. Disruption. (continued)

- (d) The phrase "an authorized University official" shall be taken to mean any person to whom the University has delegated authority to supervise a building or facility, or any part of a building or facility, or to supervise the movement of people and vehicles on the campus.
- (e) The phrase "campus" shall be taken to mean University owned or controlled property.

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51.05. Individual Disruption.

Rule revoked.

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December 3, 1971 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, February 4, 1971, at The Ohio State University, Columbus, Ohio, at 1:30 p.m.

Attest:

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Edward Q. Moulton  
Secretary

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James W. Shocknessy  
Chairman

### APPENDIX III

Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty

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Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty

ARTICLE III

Administration of the University

Section 1. The Office of the President.

The Office of the President shall consist of the President, a staff assistant (or staff assistants) to the President, the Executive Assistant to the President, the Executive Vice President and Secretary of the Board of Trustees, the Provost and Vice President for Academic Affairs, and the Vice President for Administrative Operations. In addition, the Ombudsman shall have direct access to the Office of the President. The Office of the President shall include such additional officers as the President, with the consent of the Board, may from time to time appoint.

Section 6. The President's Cabinet; Executive Vice President and Secretary of the Board of Trustees.

The major area of responsibility and authority for the Executive Vice President shall be that of chief of staff for the President of the University. He shall assist with the entire administration of the University, coordinate and evaluate administrative efforts, serve as chief executive in the President's absence, and coordinate matters assigned to the other Vice Presidents and the Executive Directors. In addition to his service of the Secretaryship of the Board of Trustees, he shall have direct supervision of the offices of Public Safety and Special Projects.

Section 7. The President's Cabinet; Provost and Vice President for Academic Affairs.

The major area of responsibility and authority of the Provost and Vice President for Academic Affairs shall be that of all academic matters of the University including instructional, research, and faculty affairs. Without limiting the generality of the foregoing, the Provost and Vice President for Academic Affairs shall, under the direction of the President and with the approval of the Board of Trustees, be responsible and have the requisite authority to provide coordinated leadership for: the development and evaluation of curricular patterns and teaching methods; the development and appraisal of research with particular concern for interdisciplinary and multidisciplinary programs; the securing and administering of governmental, industrial and foundation support for academic programs; the coordination of research with instruction; and the selection, promotion, professional development, tenure, and compensation of the instructional and research personnel; through the Office for the Coordination of Minority Affairs and in cooperation with the other existing agencies of the University, the development and maintenance of supplemental programs for the recruitment, orientation, counseling, tutoring, and financial assistance for minority students and the search for necessary funds to support these programs; through the constituent academic divisions, the appraisal of the effectiveness of academic counseling and devising organization and procedures to improve its effectiveness; in cooperation with the Vice President for Educational Services, the development of the University libraries and other learning resources; and, as a deputy of the President of the University, be responsible for the coordination of all matters administratively assigned to the other Vice Presidents and the Executive Directors of the University which relate to the academic program of the University.

Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty (continued)

Section 8. The President's Cabinet; Vice President for Administrative Operations.

The major area of responsibility and authority for the Vice President for Administrative Operations shall be that of the administration of the University operations. Without limiting the generality of the foregoing, the Vice President for Administrative Operations shall, under the direction of the President and with the approval of the Board of Trustees, be responsible and have requisite authority for: the conduct and evaluation of all administrative operations and procedures of the University; the direct administration of University records and admissions, non-academic student discipline, the administrative systems computer center, business management, physical facilities, including the operation and maintenance of grounds; the coordination of traffic and parking; the coordination of University computers; the distribution of supplies and equipment; the maintenance of all equipment; and the administration of all University housing facilities. As a deputy of the President, he shall be responsible for the coordination of all matters administratively assigned to the other Vice Presidents and Executive Directors which relate to the administrative operations of the University.

Section 9. The President's Cabinet; Vice President for Student Affairs.

The major area of responsibility and authority of the Vice President for Student Affairs shall be that of student affairs at the University. Without limiting the generality of the foregoing, the Vice President for Student Affairs shall, under the direction of the President, through the appropriate coordinating deputy and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the promulgation of rules governing student conduct both on and off campus; the coordination of student extracurricular activities including all student (or student-connected) organizations; and the administration of student health service, University Union facilities and programs, student athletic programs including intercollegiate athletics and recreation and intramural program, counseling, student financial aids and scholarships, off-campus student housing, and the student orientation program.

Section 10. The President's Cabinet; Vice President for University Development.

The major area of responsibility and authority of the Vice President for University Development shall be that of general University development. Without limiting the generality of the foregoing, the Vice President for University Development shall, under the direction of the President and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the administration of all aspects of University development including the coordination of all University and related offices involved in resource development, fund raising, public relations, community relations, alumni affairs, alumni records and information services, governmental liaison and legislative relations; the development and administration of internal and external communications, including University publications; the coordination of special events; and the administrative coordination of The Ohio State University Development Fund and The Ohio State University Research Foundation.



Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty (continued)

Section 11. The President's Cabinet; Vice President for Educational Services.

The major area of responsibility and authority of the Vice President for Educational Services shall be that of the educational services of the University. Without limiting the generality of the foregoing, the Vice President for Educational Services shall, under the direction of the President, through the appropriate coordinating deputy and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the development and administration of policies and operating procedures for continuing education programs; University libraries, the Telecommunications Center and other learning resources; the development of instructional programs of the Departments of Air Force Aerospace Studies, Military Science and Naval Science; the University Archives, evaluation and testing, photography and cinema, and the Learning Resources Computer Center.

Section 14. The President's Cabinet; Executive Assistant to the President.

The Executive Assistant to the President shall render such service and have such responsibility and authority as the President may from time to time direct. He shall serve as Secretary of the President's Cabinet and of the Administrative Council.

Section 17. Administrative Council.

The President of the University, the members of the President's Cabinet, the Deans of the Colleges, the Vice Provost for Graduate Affairs and Dean of the Graduate School, and the Vice Provost for Arts and Sciences shall comprise the Administrative Council of the University. The President shall be Chairman of the Council, and the Executive Assistant to the President shall be Secretary. In the temporary absence of the President, the duties of the presiding officer shall be assigned by the President.

The Administrative Council shall meet at least once each quarter during the academic year and on call by the President. The Administrative Council shall serve as an advisory council to the President.

ARTICLE VII

Student Affairs

Section 1. Discipline.

The President shall have the final responsibility and authority for the discipline of all students of the University. This responsibility and authority may be delegated by the President to the Vice President for Administrative Operations.

The Deans of the Colleges and of the Graduate School, the Directors of Schools and the Chairmen of Departments, respectively, are responsible to the President through regular disciplinary channels for the discipline of all students in the activities of their respective Colleges, Schools and Departments.

Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty (continued)

11.00. Administration of The Ohio State University

11.01. Office of the President.\*

The Office of the President shall consist of the President, a staff assistant (or staff assistants) to the President, the Executive Assistant to the President, the Executive Vice President and Secretary of the Board of Trustees, the Provost and Vice President for Academic Affairs, and the Vice President for Administrative Operations. In addition, the Ombudsman shall have direct access to the Office of the President. The Office of the President shall include such additional officers as the President, with the consent of the Board, may from time to time appoint.

11.1101. Executive Vice President and Secretary of the Board of Trustees.\*

Section 1. The Executive Vice President and Secretary of the Board of Trustees shall serve as chief of staff for the President and serve as chief executive in the President's absence.

Section 2. The major area of responsibility and authority for the Executive Vice President shall be that of chief of staff for the President of the University. He shall assist with the entire administration of the University, coordinate and evaluate administrative efforts, serve as chief executive in the President's absence, and coordinate matters assigned to the other Vice Presidents and the Executive Directors. In addition to his service of the Secretaryship of the Board of Trustees, he shall have direct supervision of the offices of Public Safety and Special Projects.

Section 3. The principal administrative officials of the Office of the Executive Vice President and Secretary of the Board of Trustees shall be the Director of Public Safety, Director of Special Projects, and such associates as may be authorized from time to time.

11.1102. Provost and Vice President for Academic Affairs.\*

Section 1. The Provost and Vice President for Academic Affairs shall be the executive head of the Office of Academic Affairs, Office of Research and Sponsored Programs, and the Office for the Coordination of Minority Affairs. The Provost and Vice President for Academic Affairs is the principal academic officer of the University responsible directly to the President of the University for all matters relating to the academic program of the University.

Section 2. The major area of responsibility and authority of the Provost and Vice President for Academic Affairs shall be that of all academic matters of the University including instructional, research, and faculty affairs. Without limiting the generality of the foregoing, the Provost and Vice President for Academic Affairs shall, under the direction of the President and with the approval of the Board of Trustees, be responsible and have the requisite authority to provide coordinated leadership for: the development and evaluation of curricular patterns and teaching methods; the development and appraisal of research with particular concern for inter-disciplinary and multidisciplinary programs; the securing and administering of

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\*Rule initiated by Board of Trustees.

Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty (continued)

11.1102. Provost and Vice President for Academic Affairs.\* (continued)

governmental, industrial and foundation support for academic programs; the coordination of research with instruction; and the selection, promotion, professional development, tenure, and compensation of the instructional and research personnel; through the Office for the Coordination of Minority Affairs and in cooperation with the other existing agencies of the University, the development and maintenance of supplemental programs for the recruitment, orientation, counseling, tutoring, and financial assistance for minority students and the search for necessary funds to support these programs; through the constituent academic divisions, the appraisal of the effectiveness of academic counseling and devising organization and procedures to improve its effectiveness; in cooperation with the Vice President for Educational Services, the development of the University libraries and other learning resources; and, as a deputy of the President of the University, be responsible for the coordination of all matters administratively assigned to the other Vice Presidents and the Executive Directors of the University which relate to the academic program of the University.

Section 3. The principal administrative officials of the Office of the Provost and Vice President for Academic Affairs shall include such associates as may be authorized from time to time.

11.1103. Vice President for Administrative Operations.\*

Section 1. The Vice President for Administrative Operations shall be the executive head of the Office of Administrative Operations.

Section 2. The major area of responsibility and authority for the Vice President for Administrative Operations shall be that of the administration of the University operations. Without limiting the generality of the foregoing, the Vice President for Administrative Operations shall, under the direction of the President and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the conduct and evaluation of all administrative operations and procedures of the University; the direct administration of University records and admissions, non-academic student discipline, the administrative systems computer center, business management, physical facilities, including the operation and maintenance of grounds; the coordination of traffic and parking; the coordination of University computers; the distribution of supplies and equipment; the maintenance of all equipment; and the administration of all University housing facilities. As a deputy of the President, he shall be responsible for the coordination of all matters administratively assigned to the other Vice Presidents and Executive Directors, which relate to the administrative operations of the University.

Section 3. The principal administrative officials of the Office of the Vice President for Administrative Operations shall be the Director of Admissions and Records; Director of Administrative Systems Computer Center; Assistant Vice President for Business Management; Assistant Vice President for Physical Facilities; Assistant Vice President for University Housing; the University Discipline Officer; and such associates as may be authorized from time to time.

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\*Rule initiated by Board of Trustees.

Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty (continued)

11.1104. Vice President for Student Affairs.\*

Section 1. The Vice President for Student Affairs shall be the executive head of the Office of Student Affairs.

Section 2. The major area of responsibility and authority of the Vice President for Student Affairs shall be that of student affairs at the University. Without limiting the generality of the foregoing, the Vice President for Student Affairs shall, under the direction of the President, through the appropriate coordinating deputy and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the promulgation of rules governing student conduct both on and off campus; the coordination of student extracurricular activities including all student (or student-connected) organizations; and the administration of student health service, University Union facilities and programs, student athletic programs including intercollegiate athletics and recreation and intramural program, counseling, student financial aids and scholarships, off-campus student housing, and the student orientation program.

Section 3. The principal administrative officials of the Office of Student Affairs shall be the Dean of Students, Director of University Health Service, Director of Student Financial Aids, Director of Off-Campus Housing, Director of Athletics, Director of the Ohio Union or student unions, Director of University Counseling Center, Director of Recreation and Intramurals, and such other associates as may be authorized from time to time.

11.1105. Vice President for University Development.\*

Section 1. The Vice President for University Development shall be the executive head of the Office of University Development.

Section 2. The major area of responsibility and authority of the Vice President for University Development shall be that of general University development. Without limiting the generality of the foregoing, the Vice President for University Development shall, under the direction of the President and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the administration of all aspects of University development including the coordination of all University and related offices involved in resource development, fund raising, public relations, community relations, alumni affairs, alumni records and information services; governmental liaison and legislative relations; the development and administration of internal and external communications, including University publications; the coordination of special events, and the administrative coordination of The Ohio State University Development Fund and The Ohio State University Research Foundation.

Section 3. The principal administrative officials of the Office of University Development shall be a Director of Public Relations, Executive Director of The Ohio State University Research Foundation, Executive Director of The Ohio State University Development Fund, Coordinator of the Major Resources Group, Director of the Alumni Information Center, Executive Assistant to the Vice President for University Development, and such other associates as may be authorized from time to time.

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\*Rule initiated by Board of Trustees.

Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty (continued)

11.1106. Vice President for Educational Services.\*

Section 1. The Vice President for Educational Services shall be the executive head of the Office of Educational Services.

Section 2. The major area of responsibility and authority of the Vice President for Educational Services shall be that of the educational services of the University. Without limiting the generality of the foregoing, the Vice President for Educational Services shall, under the direction of the President, through the appropriate coordinating deputy and with the approval of the Board of Trustees, be responsible and have the requisite authority for: the development and administration of policies and operating procedures for continuing education programs; University libraries, the Telecommunications Center and other learning resources; the development of instructional programs of the Departments of Air Force Aerospace Studies, Military Science and Naval Science; the University Archives, evaluation and testing, photography and cinema, and the Learning Resources Computer Center.

Section 3. The principal administrative officials of the Office of Educational Services shall be the Assistant Vice President for Continuing Education; the Director of the Telecommunications Center, the Director of the University Libraries, the Director of the Department of Photography and Cinema, the Director of the Listening Center, the Director of the Teaching Aids Laboratory; the University Archivist, the Executive Dean of Evaluation and Testing, the Chairman of the Department of Air Force Aerospace Studies, the Chairman of the Department of Military Science, and the Chairman of the Department of Naval Science, and such other associates as may be authorized from time to time.

11.1109. Executive Assistant to the President.\*

The Executive Assistant to the President shall render such service and have such responsibility and authority as the President may from time to time direct. He shall serve as Secretary of the President's Cabinet and of the Administrative Council.

11.13. Principal Administrative Officials.\*

Section 1. The principal administrative officials in the Offices of the Cabinet Members shall be appointed by the Board of Trustees upon the nomination of the President. Recommendations regarding these appointments will be made to the President through the Executive Vice President and Secretary of the Board of Trustees, or through the appropriate coordinating deputy, either the Provost and Vice President for Academic Affairs or the Vice President for Administrative Operations of the University following appropriate consultation.

Section 2. Each principal administrative official shall have such responsibility and shall exercise such authority as may from time to time be delegated to him by the Cabinet Member to whom his office is attached. He shall be responsible to his Cabinet Member for the activities of his office and shall report directly to that Cabinet Member.

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\*Rule initiated by Board of Trustees.

Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty (continued)

11.13. Principal Administrative Officials.\* (continued)

Section 3. Appropriate records shall be kept by all of these administrative officials and shall be available to the President, to the University Ombudsman, or the appropriate Cabinet Member upon request.

Section 4. Unless otherwise specified, all assigned responsibilities shall be on a University-wide basis including the Regional Campuses of the University.

Section 5. In the rules following this section specific responsibilities are assigned to the Director of Libraries, Registrar, Director of Admissions, and Director of Athletics. Further responsibilities may be assigned from time to time in accordance with Section 2 of this Rule 11.13.

11.1307. Registrar.

Subject to the direction of the Vice President for Administrative Operations, the principal duties of the Registrar shall be as follows: (1) the maintenance and custody of the official student records of the University; (2) the maintenance of a complete file of the local and home addresses of all present and former students; (3) the supervision of the details of registration; (4) the supervision of the details of the time schedule; and (5) the assignment of rooms for classes and for other instructional meetings.

The records of the standing of students shall be kept by the Registrar primarily in the interests of the students and for the use of the Office of the President, the Deans, and the members of the faculty. No person not connected with the University shall have access to these records. A student shall not have direct access to these records, but on request shall be furnished with a statement of his standing to date. Any student leaving the University shall, upon request, be furnished with a complete copy of his record. Duplicate copies, and copies requested at other times to be sent to designated persons, may be secured by payment of a fee.

11.1309. Director of Admissions.

The Director of Admissions, subject to the direction of the Vice President for Administrative Operations, shall:

- a. Direct the administration of admission policies duly established by the appropriate faculty bodies.
  1. Exceptions to such policies shall be made only in accordance with recommendations of the Dean or Director of the College, School, or Division involved.
  2. A special student not seeking a degree must be approved for admission by the Dean or Director of the College, School, or Division concerned.

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\*Rule initiated by Board of Trustees.

Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty (continued)

11.1309. Director of Admissions. (continued)

- b. Receive, evaluate, and maintain all certificates and transcripts presented by or on behalf of applicants for admission to the University or for credit in any course.
- c. Issue all official notices of admission to applicants and certify the validity of transfer credits to the Registrar and to the Secretary of the College, School, or Division involved.
- d. Transfer students upon request from one College, School, or Division in the University to another, but only in accordance with policies established by the Colleges, Schools, or Divisions involved.
- e. Conduct the official correspondence of the University on all matters connected with the admission of students.
- f. Perform such other duties and assume such additional responsibilities as may be assigned to him from time to time by the Vice President for Administrative Operations.

11.1311. Director of Athletics.

Section 1. The Director of Athletics shall be a member of the faculty. He shall be responsible to the Vice President for Student Affairs. The Director of Athletics shall be appointed under the procedures outlined in Rule 13.0503. The Athletic Council (see Rule 29.2711) shall also be consulted.

Section 2. Under policies established by the Athletic Council, the Director of Athletics shall direct the programs of intramural and intercollegiate athletics. The Director of Athletics shall arrange the schedules of intercollegiate contests, supervise all trips, and make all arrangements for the conduct of intercollegiate contests.

The annual budget of the Division of Intercollegiate Athletics shall be prepared by the Director of Athletics in accordance with University procedure.

Section 3. He shall have the duties of the Chairman of a Department as prescribed in Rule 13.0503.

Section 4. The athletic physical plant and employees thereof shall be under the jurisdiction of the Director of Physical Plant and shall be administered under the rules and regulations of the Board of Trustees. An appropriate charge for this service shall be made to the Athletic Department Rotary.

Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty (continued)

11.1501. Administrative Council.\*

The President of the University, the members of the President's Cabinet, the Deans of the Colleges, the Vice Provost for Graduate Affairs and Dean of the Graduate School, and the Vice Provost for Arts and Sciences shall comprise the Administrative Council of the University. The President shall be Chairman of the Council, and the Executive Assistant to the President shall be Secretary. In the temporary absence of the President, the duties of the presiding officer shall be assigned by the President.

The Administrative Council shall meet at least once each quarter during the academic year and on call by the President. The Administrative Council shall serve as an advisory council to the President.

13.00. Establishment and Administration of Colleges,  
Schools, Departments, and Institutes

13.0301. Deans of the Colleges.\*

Section 1. There shall be a Dean of each College who shall be a member of its faculty and the administrative head of the College. Each Dean shall be appointed by the Board of Trustees upon nomination of the President. Before making his nomination, the President shall confer with members of the faculty of the College for which the Dean is to be appointed and shall consider the recommendations of the Chairmen of the Departments and the Directors of the Schools in that College.

Section 2. The major responsibility of the Dean of each College shall be that of providing active leadership in the promotion, direction and support of educational and research activities of the University, in the maintenance of a high level of morale among the faculty, and in the encouragement of the spirit of learning among the students. In addition he shall have general administrative responsibility for the program of the College, subject to the approval of the President and the Board of Trustees. These administrative responsibilities shall include the duty:

- a. To preside at meetings of the College Faculty and to appoint all College committees unless their membership has been designated by Faculty Rule or by the College Faculty.
- b. To approve courses of study for students in his College, to warn students who are delinquent in their studies and to recommend appropriate student disciplinary action to the appropriate university disciplinary body or official.
- c. To present candidates for degrees to the President on behalf of the College Faculty and to serve as a member of the Administrative Council (see Rule 11.1501).

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\*Rule initiated by Board of Trustees.



Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty (continued)

13.0301. Deans of the Colleges. \* (continued)

- d. After consultation with the Chairmen of the Departments and the Directors of the Schools within the College to make recommendations to the Provost and Vice President for Academic Affairs, concerning the college budget, the appointments to and promotions within the staff and the membership of the College Faculty. Whenever his recommendations involve the appointment or promotion in rank of faculty members offering graduate work or acting as advisers to graduate students, the Dean of a College shall consult with the Vice Provost for Graduate Affairs and Dean of the Graduate School. (See Section 2 of Rule 13.0303.)

Section 3. The Dean is hereby given authority requisite to carrying out the responsibilities of his position. He may delegate any of his responsibility and authority to another member of the faculty of the College. He shall be a voting member of the faculty of each department.

Section 4. The usual method of communication between the Dean and the President or the Board of Trustees shall be through the appropriate Cabinet member, then to the President and through him to the Board of Trustees.

25.00. University Faculty

25.03. Presiding Officer.

The President of the University shall be the presiding officer of the University Faculty. In his absence the duties of the presiding officer shall be assigned to the Provost and Vice President for Academic Affairs. In the absence of both the President and the Provost and Vice President for Academic Affairs, the duties of the presiding officer shall be assigned by the President to the Dean of one of the Colleges, the Vice Provost for Arts and Sciences, or the Vice Provost for Graduate Affairs and Dean of the Graduate School.

29.00 Faculty Council

29.01. Membership.

There shall be a Faculty Council constituted as follows:

- a. Ex officio Members. There shall be twenty-eight ex officio members: The President; Executive Vice President; Provost and Vice President for Academic Affairs; Vice President for Administrative Operations; Vice President for Student Affairs; Vice President for University Development; Vice President for Educational Services; Vice President for Medical Affairs; Secretary of the University Faculty; Vice Provost for Graduate Affairs and Dean of the Graduate School; Vice Provost for Arts and Sciences; Deans of the Colleges; and Director of Libraries.

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\*Rule initiated by Board of Trustees.

Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty (continued)

29.01. Membership. (continued)

- b. Faculty Members. There shall be sixty-eight elected from members of the University faculty on Regular contract, distributed among and elected by each college, academic unit not assigned to a college and regional campus with a resident faculty and its own Faculty Council. For the purposes of this section there are two academic units not so assigned: (1) the library and (2) the Departments of Military, Naval, and Air Force Aerospace Studies. Each college, each such academic unit, and each such regional campus shall constitute an election district from which shall be elected the number of members as specified for each election by the Committee on Elections for the Faculty Council, and shall elect at least one member. No person is eligible to represent one college, academic unit, or regional campus while serving as representative of another.
- c. Student Members. There shall be thirty-three elected members, with voting privileges on all matters except to pass on candidates for degrees; one by each of the sixteen college councils; eight by the Council of Graduate Students; the President of the Undergraduate Student Body; and eight by the Student Assembly.
- d. Alternate Members. Each member of the Faculty Council is expected to attend its meetings regularly but alternate representatives shall be designated for each election district in order to assure full attendance at meetings when regular representatives are justifiably absent.

When a regular member is off duty or unable to attend a meeting of the Faculty Council, he shall notify the Secretary of the Council in advance of the meeting, giving the name of the alternate who will represent him. The alternate so designated shall then have the general powers and privileges in the Faculty Council of the person whom he represents.

Alternates shall be designated as follows: (a) alternates for ex officio members - each ex officio member shall designate his alternate; (b) alternates for elected members - unsuccessful candidates for election shall constitute a panel of alternates in each election district, in the order of votes which they received in the election.

29.11. Presiding Officer.

The President of the University shall be the presiding officer of the Faculty Council. In his absence, the duties of the presiding officer shall be assigned to the Provost and Vice President for Academic Affairs. In the absence of both the President and the Provost and Vice President for Academic Affairs, the duties of the presiding officer shall be assigned by the President to the Dean of one of the Colleges, the Vice Provost for Arts and Sciences, or the Vice Provost for Graduate Affairs and Dean of the Graduate School.

Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty (continued)

29.2715. Council on Admissions and Registrations.

Section 1. The Council on Admissions and Registrations shall consist of twelve members chosen as follows:

- a. Appointed members. Nine members of the University Faculty shall be appointed by the President for three-year terms, three members to be appointed each year. Appointed members shall be eligible for reappointment.
- b. Ex officio members. The persons holding the following three titles shall be ex officio members: Provost and Vice President for Academic Affairs or his designee (who shall serve as Chairman of the Council); Vice President for Administrative Operations or his designee (who shall serve as Secretary of the Council); and the Executive Director of University Planning.

Section 2. It shall be the responsibility of this Council to recommend, through appropriate University channels, administrative policies governing admission to the University, student registration, and student scheduling. These recommendations shall be made to the appropriate administrative officer (or officers) or to the Faculty Council, depending upon the nature of the recommendation.

51.00. University Discipline

51.01. General Discipline.

Section 1. The President shall have the final responsibility and authority for the discipline of all students of the University. This responsibility and authority may be delegated by the President to the Vice President for Administrative Operations. (See Rule 11.1101.)

53.00. Activities

53.09. Student Use of University Buildings.

Section 1. University facilities assigned to a student organization shall be used only for the usual activities of such student organization. If a student organization desires to use University facilities, which facilities have been assigned to the organization, for purposes other than its usual activities, it shall request permission for such use from the Office of the Dean of Students.

Section 2. No student, group of students, or registered student organization may announce an activity involving the use of University facilities or use University facilities for an activity, unless permission for such use has been obtained from the Office of the Dean of Students and any required facility has been scheduled through the Division of Campus Planning and Space Utilization in accordance with Rule 61.05.

Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty (continued)

54.00. The Ohio Union

54.03. Director.\*

The Director, Ohio Union, shall be the chief administrator of the Ohio Union. He shall have the general administrative responsibility for its program and its financial affairs. The Director shall be responsible to the Vice President for Student Affairs.

54.05. The Ohio Union Council.\*

The Ohio Union Council shall consist of eighteen members chosen as follows:

- a. Nine student members chosen in accordance with rules established by the Ohio Union Council.
- b. One representative from the Council of Graduate Students (see Rule 53.0705).
- c. Seven faculty and staff members chosen as follows: (1) the Vice President for Administrative Operations or his designee, the Vice President for Student Affairs or his designee, and the Director, Ohio Union, ex officio; (2) the Program Director, Ohio Union, ex officio, but without the right to vote; (3) two members of the University Faculty, and (4) one residence halls staff representative. The faculty and staff members shall be appointed by the Vice President for Student Affairs for a term of two years.
- d. One alumni member designated by The Ohio State University Association for a term of three years under such procedures as the Association shall adopt.

The faculty, staff, and alumni members shall not serve more than two consecutive terms on the Council.

Subject to the general authority of the President and the Board of Trustees, the Ohio Union Council shall establish the program policies of the Ohio Union and shall assist in the development of all of its student activities programs. It will advise the Director on other matters pertaining to the operation of the Ohio Union, but the Council shall not serve in an administrative or executive capacity.

The President of the Ohio Union Activities Board shall serve as Chairman of the Ohio Union Council; the Director, Ohio Union, shall serve as the Executive Secretary of the Ohio Union Council.

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\*Rule initiated by Board of Trustees.

Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty (continued)

61.00. Restrictions

61.01. Drives and Canvassing.\*

Canvassing or solicitations for funds, sales, or subscriptions are prohibited on the University campus or in University buildings unless written permission therefor shall first have been granted by the Division of Campus Planning and Space Utilization which may seek recommendation regarding requests for permission from appropriate University offices.

The sale of merchandise of any kind whatsoever, or publications, or services upon University property, other than by the regularly authorized stores, restaurants, departments, or divisions of the University, is likewise prohibited except upon written permission of the Division of Campus Planning and Space Utilization which may seek recommendation regarding requests for permission from appropriate University offices.

Any person violating this Rule 61.01 shall be subject, upon proper notice, to eviction from University property or arrest.

61.05. University Facilities.\*

Section 1. University facilities may be scheduled and used only if the meeting is sponsored by at least one of the following: (a) the University, (b) an administrative unit of the University, (c) the President or a member of his Cabinet, (d) a member of the University Faculty, (e) a club or committee of University Faculty members, University staff members, or their wives, or (f) a recognized student organization (see Rule 53.01).

Section 2. The Division of Campus Planning and Space Utilization shall be responsible for the scheduling of and shall have the necessary authority to schedule all University facilities. (See Rule 11.1107.) No meeting shall be scheduled in or announced for any University facility unless permission to use the facility has been obtained in advance from the Division of Campus Planning and Space Utilization. All requests for the use of University facilities shall indicate the nature of the proposed meeting. If the proposed meeting is one to which a guest speaker is to be invited, the request for the use of University facilities shall indicate the name of the guest speaker and shall be submitted to the Division of Campus Planning and Space Utilization at least two weeks prior to the date the meeting is to be held, but such two-week period may be waived by the Division of Campus Planning and Space Utilization if the exigencies of the situation so require and the orderly scheduling of University facilities would not be unduly prejudiced. (See Rule 21.09.)

Section 3. The word "meeting" as used in Rules 21.09, 53.09, and 61.05 means any meeting using University facilities to which the faculty, staff, students or public is invited, except (a) regularly scheduled University courses, (b) conferences approved under University procedures, and (c) meetings of state, regional, national or international organizations approved under University procedures.

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\*Rule initiated by Board of Trustees.

Amendments to By-Laws of the Board of Trustees  
and Rules for the University Faculty (continued)

61.05. University Facilities.\* (continued)

Section 4. The responsibility and authority of the Division of Campus Planning and Space Utilization under this Rule may be delegated by it to a member of the University Faculty or of the staff of this University.

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\*Rule initiated by Board of Trustees.

## APPENDIX IV

Degrees Conferred at

THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

December 17, 1971

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## The Recipients of Honors

### SHERWOOD L. FAWCETT

#### Doctor of Science

*Distinguished leader of engineers and scientists, exponent of technological innovation, and advocate of science for the benefit of society.*

As President of Battelle Memorial Institute, Sherwood L. Fawcett exemplifies the imaginative scientist-administrator working at the interface of science and society. His interests range from the generation of knowledge to new concepts for applying science in business, industry, and education.

Dr. Fawcett earned his bachelor's degree in engineering physics from The Ohio State University in 1941, and, following naval service in World War II, his M.S. and Ph.D. degrees from Case Institute of Technology.

In 1950, Sherwood L. Fawcett began his career with the Battelle Memorial Institute as a participant in research directed toward the development of nuclear reactors for power and naval propulsion. Advancing through various managerial assignments, he became the first Director of the Institute's Pacific Northwest Laboratories at Richland, Washington, in 1964, and was named President of Battelle in 1968. Under Dr. Fawcett's leadership, Battelle has significantly broadened its role as a multinational, public-purpose organization involved in research, educational, and industrial development activities.

An authoritative spokesman of science and technology, Dr. Fawcett is a vice president of the American Association for the Advancement of Science and was chairman in 1970 of the Association's Section on Industrial Science. He is the author of some fifty articles and papers.

Education and civic affairs are matters of great concern to Dr. Fawcett. He is a trustee of Case Western Reserve University, the Korea Institute of Science and Technology, a member of the Board of Regents of Gonzaga University, and on the Board of Overseers of Whitman College. Active in the Ohio and Columbus Chambers of Commerce, he is also a trustee of the Columbus Symphony, Columbus Gallery of Fine Arts, and the city's Children's Hospital.

The Ohio State University is proud to confer the honorary degree, Doctor of Science, on such a distinguished alumnus.

### WILLIAM JOVANOVIICH

#### Doctor of Humane Letters

*Pre-eminent publisher and author of international distinction who has established a hallmark of innovation and quality in the publishing profession.*

Administrative determination and literary acumen are but two of the outstanding qualities that mark the career of William Jovanovich. One of the nation's most renowned publishers and currently Chairman of Harcourt Brace Jovanovich, Inc., Mr. Jovanovich developed what was to become a life-long interest in the English language while a student at the Denver Public Schools. He continued to pursue these interests at the University of Colorado, Harvard University, and Columbia University, and, with the exception of a four-year interim with the United States Navy, he has devoted his entire career to the improvement of media production.

Joining Harcourt, Brace, and Company in 1947, Mr. Jovanovich's versatility in the areas of editing, selling, and designing books was soon recognized. With such abilities, it was not long before he ascended to become school department director, vice president, and director. Under the careful direction of Mr. Jovanovich, mergers and acquisitions permitted the publishing house to grow both in size and in scope of operation, expanding into such fields as computer-assisted instruction, micro-film reproduction, and specialized consumer magazines.

Today, Harcourt Brace Jovanovich, Inc. has large publishing operations in London, Frankfurt, and Toronto, as well as in New York.

In addition to his prominence as a publisher, Mr. Jovanovich has achieved a distinguished reputation as an author and essayist. His first book, *Now, Barabbas*, is devoted primarily to the author's views on the structure and concepts of publishing as they relate to American education. Several of his recent essays have been featured in *Harper's*, *The American Scholar*, *The Saturday Review*, and the collection, *America Now*.

In testimony of his dedication to the advancement of learning, The Ohio State University is honored to confer upon this distinguished author and publisher the honorary degree Doctor of Humane Letters.

## Graduate School

Dean: Arliss L. Roaden

### Doctor of Philosophy

One hundred and sixty-six candidates

Anthony Andrew Adams, Los Gatos, Calif.  
A.B., M.A. (Gonzaga University); S.T.M. (Santa Clara-Alma College)

*Dissertation:* Perspectives of Community Service Responsibility of Broadcast Licensees  
*Field of Specialization:* Speech Communication

Michael Wakefield Allen, Clarion, Ia.  
B.A. (Cornell College); M.A.

*Dissertation:* The Prediction on Achievement in Computer Assisted Instruction Versus Lecture Instruction Using Linear Multiple Regression Techniques  
*Field of Specialization:* Psychology

Bhani Visissobha Al-Nasser, Bangkok, Thailand  
B.A. (Chulalongkorn University); M.A.

*Dissertation:* The Relationship between the Cultural Background of Disadvantaged Children and Their Performance on an Arithmetic Test  
*Field of Specialization:* Education

Christodoulos Arghyrou, Ayi Omoloyida, Cyprus  
B.A., M.S. in Edu. (New York State University College at Oswego)

*Dissertation:* Nikos Kazantzakis and Education  
*Field of Specialization:* Education

Andrew Dewey Bailey, Jr., Minneapolis, Minn.  
B.S. in Bus., M.S. (University of Minnesota)  
*Dissertation:* The Planning of Operations and the Analysis of Alternative Information Systems: A Dynamic Programming Approach to Different Costing Methods in Accounting for Investors  
*Field of Specialization:* Accounting

\*Robert Edward Behling, Milwaukee, Wis.  
B.S. (University of Wisconsin); M.S. (Miami University)  
*Dissertation:* Pedological Development on Moraines of the Meserve Glacier, Antarctica  
*Field of Specialization:* Geology

Catherine Elizabeth Bennett, Columbus  
B.S.Ed., M.A.  
*Dissertation:* Relationships among Movement Patterns, Performance Scores and Expressed Movement Satisfaction of Children in the Elementary School  
*Field of Specialization:* Physical Education

Stephen Richard Betso, Brooklyn, N. Y.  
B.S. (Saint John's University); M.S.  
*Dissertation:* Electrochemical Studies of the Reduction of the Heme Iron in Native Horse-Heart Cytochrome c  
*Field of Specialization:* Chemistry

William Donald Bradford, Cleveland  
B.A. (Howard University); M.B.A.  
*Dissertation:* Inflation, the Value of the Firm, and the Cost of Capital  
*Field of Specialization:* Business Administration

Ruth Ann Brooks, Columbus  
B.S.Ed., M.A.  
*Dissertation:* An Investigation of the Relationship between Reading Interest and Comprehension  
*Field of Specialization:* Education

Carol Lynch Brown, Tallahassee, Fla.  
B.A. (College of Saint Catherine); M.A. (University of Minnesota)

*Dissertation:* A Study of Procedures for Determining Fifth Grade Children's Book Choices  
*Field of Specialization:* Education

David Jeffery Brown, Columbus  
B.A. (Maryknoll Seminary); M.A.  
*Dissertation:* The Fear of Death and the Western Protestant Ethic Personality Identity  
*Field of Specialization:* Psychology

Marion Edna Brown, Columbus  
A.B. (Taylor University); M.R.Ed. Asbury Theological Seminary  
*Dissertation:* Design Principles for Learning Centers  
*Field of Specialization:* Education

Edith Guderley Buerger, Dayton  
A.B. (Earlham College); M.S.  
*Dissertation:* Abundances and Ionization Structure in Low Excitation Planetary Nebulae  
*Field of Specialization:* Astronomy

John David Burke, Jacksonville, Fla.  
B.A. (Saint Bonaventure University); M.A. (Catholic University of America)  
*Dissertation:* The Stage History of the London Productions of George Farquhar's The Recruiting Officer 1706-1964  
*Field of Specialization:* Theatre

John Edward Burke, Kent  
B.A. (Marshall College); M.F.A. (Ohio University)  
*Dissertation:* An Historical-Analytical Study of the Legislative and Political Origins of the Public Broadcasting Act of 1967  
*Field of Specialization:* Speech Communication

Roy Eugene Burkey, Columbus  
B.S.Bus.Adm., M.B.A.  
*Dissertation:* Effect of Discrepancy between Expected and Actual Supervisory Behavior on Worker Performance and Job Satisfaction: An Empirical Study  
*Field of Specialization:* Business Administration

\*Charles Edgar Busch, Columbus  
B.A., M.A. (Miami University)  
*Dissertation:* The Atomic Beam Aspects of a Compact Polarized Ion Source  
*Field of Specialization:* Physics

Tod Jordan Butler, Lima  
B.A. in Bus.Adm. (Bowling Green State University); M.B.A.  
*Dissertation:* The Cincinnati Southern Railway: A City's Response to Relative Commercial Decline  
*Field of Specialization:* History

Linda Styer Caldas, Annandale, Va.  
B.S. (George Washington University); M.S.  
*Dissertation:* Effects of Various Growth Hormones on the Production of Embryoids from Tissue Culture of the Wild Carrot, *Daucus carota* L.  
*Field of Specialization:* Botany

\* Degree granted in cooperation with Miami University

Gerald Allan Campbell, Deer Park  
B.S. (University of Cincinnati)  
*Dissertation*: The Chemistry of Aryl Nitrenium Ions  
*Field of Specialization*: Chemistry

Benjamin Center, Columbus  
B.S.Soc.Adm.; O.D. (Northern Illinois College of  
Optometry); M.A.  
*Dissertation*: A Search for Some of the Visual Elements  
That Comprise the Beginning Reading Process  
*Field of Specialization*: Education

Sujit Kumar Chatterji, Allahabad, India  
B.Pharm., M.Pharm. (Banarus Hindu University)  
*Dissertation*: The Isolation and Characterization of  
Feeding Stimulants for Elm Bark Beetles (*Scolytus  
multistriatus* Marsham) from American Elm (*Ulmus  
americana* L.)  
*Field of Specialization*: Pharmacy

Saralea E. Chazan, Columbus  
B.A. (University of Pennsylvania); M.S. (Teachers  
College, Columbia University)  
*Dissertation*: Horizontal Décalage in the Concept of  
Object Permanence as a Correlate of Dimensions of  
Maternal Care  
*Field of Specialization*: Psychology

Jesse Anthony Cignetti, Apollo, Pa.  
B.S. in Edu. (Slippery Rock College); M. in Edu.  
(Duquesne University)  
*Dissertation*: A Comparative Study of the Perceptions of  
Beginning Secondary Science Teachers in Relationship to  
Their Science Classroom Activities, Cultural Attitudes and  
Knowledge of Culturally Deprived Students  
*Field of Specialization*: Education

Francis Rodgers Coelho, Richland, Wash.  
B.A., B.A.Ed., M.Ed. (Eastern Washington State College)  
*Dissertation*: Contemporary Sources of Content for  
Curriculum Development: A Conceptual Framework  
*Field of Specialization*: Education

Peter Nicholas Corodimas, Plattsburg, N. Y.  
A.B. (Saint Michaels College); M.A. (John Carroll  
University)  
*Dissertation*: Guilt and Redemption in the Novels of  
William Styron  
*Field of Specialization*: English

Jerry Mallory Davis, Cincinnati  
B.S. (North Carolina State University at Raleigh);  
M.S. (University of Michigan)  
*Dissertation*: Meridional Transport of Sensible Heat in  
the Atmosphere and Its Relation to Traveling Wave  
Systems  
*Field of Specialization*: Geography

Roger Frank Deibel, Westerville  
B.S. in Edu. (Muskingum College); M.A. (Western  
Reserve University)  
*Dissertation*: An Investigation of Factors in Creating and  
Utilizing Open Space Elementary Schools  
*Field of Specialization*: Education

Matthew Sylvester Delaney, Los Angeles, Calif.  
A.B. (Immaculate Heart College); M.S. (University of  
Notre Dame)  
*Dissertation*: Discrete Euclidean Universes and Associated  
Automorphisms  
*Field of Specialization*: Mathematics

Charles Ellis Dickson, Pittsburgh, Pa.  
B.S. (Indiana State College); M.A. (University of  
Pittsburgh)  
*Dissertation*: Politics in a New Nation: The Early Career  
of James Monroe  
*Field of Specialization*: History

William Claus Dierksheide, Columbus  
B.S. (Valparaiso University); M.S. (University of  
Dayton)  
*Dissertation*: Response of a Pure Culture of *Ascioglyphus  
nidulans* and Unialgal Culture of *Microcyptis aeruginosa*  
to Aldrin and Dieldrin: A Study in Physiology and  
Cytology  
*Field of Specialization*: Microbiology

Thomas Mervyn Ditzel, Columbus  
B.S. (Marquette University); M.A. (Miami University)  
*Dissertation*: Developmental Problems in Establishing an  
Educational Television Station: A Case Study of the  
Organization, Programming, Finances and Evaluation  
Aspects of Canada's First ETV Broadcasting Service  
*Field of Specialization*: Speech Communication

Neil Lester Drobny, Columbus  
A.B. (Dartmouth College); B.S. Civ. Eng., M.A.Eng.  
(Thayer School of Engineering)  
*Dissertation*: Design of Water Quality Monitoring  
Systems in Latin America  
*Field of Specialization*: Civil Engineering

Phillip Gary Eller, Proctor, W. Va.  
B.S. (Chem.) (West Virginia University)  
*Dissertation*: The Syntheses and Coordination Properties  
of Some 1,2,3,4-tetrafluorophenylphosphine Ligands and  
the Crystal Structures of a Trigonal Planar Copper  
Complex and a Tetrahedral Nickel Nitrosyl Complex  
*Field of Specialization*: Chemistry

Geraldine Byrne Ellerbrock, Shawnee  
B.S.Ed., M.A.  
*Dissertation*: A Study of the Interactive Effect between  
Personality and a Participatory Environment upon  
Performance  
*Field of Specialization*: Business Administration

Gerald Francis Elsbernd, Akaikai, Hawaii  
B.S. (Engr. Sci.) (United States Air Force Academy);  
M.S.  
*Dissertation*: The Vibrations and Stability of Noncircular  
Cylindrical Shells  
*Field of Specialization*: Engineering Mechanics

Kenneth Nelson Eslinger, Terre Haute, Ind.  
B.S. (Indiana State Teachers College); M.A.  
*Dissertation*: Sex Role, Mobility Orientation, and the  
Control of Romantic Love  
*Field of Specialization*: Sociology

- Robert Leon Fitts, Sweetwater, Tex.  
B.A. (Baylor University); M.A. (University of Georgia)  
*Dissertation*: The Attacks upon the Associates of Pericles  
*Field of Specialization*: Classics
- Roger Maurice Folk, Junction City  
B.S.Ed., M.S.  
*Dissertation*: Interaction of Phytohemagglutinin with Mouse Lymphoma Cells  
*Field of Specialization*: Anatomy
- Frank Edwin Fortkamp, Columbus  
A.B. (Pontifical College Josephinum); M.A.  
*Dissertation*: The Educational Implications of Racism in Ohio's Prisons  
*Field of Specialization*: Education
- Ronald Stanley Geizer, Bronx, N. Y.  
B.A. (City College of New York)  
*Dissertation*: Interaction Context and the Perception of Nonverbal Dyadic Communication Systems  
*Field of Specialization*: Speech Communication
- Edward Francis Glod, Hubbard  
B.S. (Youngstown University); M.S.  
*Dissertation*: Bifunctional Catalysis of  $\alpha$ -Hydrogen Exchange of Isobutyraldehyde-2-d by Polyethylenimines  
*Field of Specialization*: Chemistry
- Thomas John Glover, Sidney  
B.S., M.S.  
*Dissertation*: An Experimental Examination of the Optimum Fitness Model Using Body Weight and Some Fitness Traits in *Drosophila melanogaster*  
*Field of Specialization*: Genetics
- Felicitas Daniels Goodman, Columbus  
M.A.  
*Dissertation*: Disturbances in the Apostolic Church: Case Study of a Trance-Based Upheaval in Yucatan  
*Field of Specialization*: Anthropology
- Ronald Greene, Cleveland Heights  
B.S.Ed., M.A.  
*Dissertation*: Self-Disclosure, Dogmatism, and Sensory Acuity as They Relate to Humanistic Concepts of Mental Health  
*Field of Specialization*: Psychology
- James Victor Griesen, Canton  
B.S.Bus. Adm., M.B.A.  
*Dissertation*: Independent Study Versus Group Instruction in Medical Education: A Study of Non-Cognitive Factors Relating to Curricular Preferences and Academic Achievement  
*Field of Specialization*: Education
- Stanley John Gromelski, Jr., Haydenville, Mass.  
B.S. (University of Massachusetts)  
*Dissertation*: Part I. Attempted Separations on a Synthetic Polymer Chromatography Column. Part II. Base-Induced Decomposition of 3-Nitroso-2-oxazolidones  
*Field of Specialization*: Chemistry
- Florence Bernadette Grunkemeyer, Muncie, Ind.  
B.S. in Bus., M.S. in Ed. (Indiana University)  
*Dissertation*: Implications of Internship Programs for the Preparation of Secondary Business Education Teachers  
*Field of Specialization*: Education
- Richard Paul Haight, Columbus  
B.A., M.A.  
*Dissertation*: Pope's *Dunciad* and Blake's *Jerusalem*: An Epic Eighteenth Century Dialogue  
*Field of Specialization*: English
- Cynthia Mickel Handler, Mt. Zion, Ill.  
B.A. (Millikin University); M.S.  
*Dissertation*: Temperature Acclimation and Oxygen Consumption in *Desmognathus fuscus fuscus* (Raf.) Larvae  
*Field of Specialization*: Zoology
- Pauline Marie Harvey, Princeton, W. Va.  
B.S.Edu. (Concord College); M.A. (Marshall University)  
*Dissertation*: A Comparison of Educable Mentally Retarded Students in Two Types of Secondary School Placement  
*Field of Specialization*: Education
- Barry C. Heermann, Dayton  
B.S. (Bowling Green State University); M.B.A. (University of Dayton)  
*Dissertation*: Achieving Student Awareness of Community College Business Administration Programs in the Introduction to Business Course  
*Field of Specialization*: Education
- Charles Henry Heiberg, Columbus  
B.S. in Math. (Massachusetts Institute of Technology); M.S.  
*Dissertation*: Norms of Powers of Absolutely Convergent Fourier Series of Two Variables  
*Field of Specialization*: Mathematics
- Ronald Royce Henderson, St. Clairsville  
B.S. (United States Military Academy); M.S.  
*Dissertation*: A Nuclear Reactor Performance and Fuel Management Simulator for Power System Planning Activities  
*Field of Specialization*: Nuclear Engineering
- Charles Edward Holdsworth, Jr., Newcomerstown  
B.S., M.S.  
*Dissertation*: Biochemical Studies of Otosclerosis Enzyme Aberrations  
*Field of Specialization*: Physiological Chemistry
- William Park Hotchkiss, Jr., Syracuse, N. Y.  
A.B., M.S. (Syracuse University)  
*Dissertation*: The Life and Professional Contributions of Michael Peppe to Physical Education and Aquatics  
*Field of Specialization*: Physical Education
- David Moore Hysell, Athens  
B.F.A., M.F.A. (Ohio University)  
*Dissertation*: The Effects of Anxiety toward Art and Specific Curricular Strategies upon Aesthetic Perception  
*Field of Specialization*: Art Education
- Raymond Jang, Vancouver, B. C., Canada  
B.Sc. Phar. (University of British Columbia)  
*Dissertation*: Evaluation of the Quality of Drug-Related Services Provided by Community Pharmacists in a Metropolitan Area  
*Field of Specialization*: Pharmacy

Gene Master Kiernan, Columbus  
 B.S. in Educ., M.A. (University of Dayton)  
*Dissertation*: Charles Dickens and His American  
 Audience—1842: A Study in Ethos  
*Field of Specialization*: Speech Communication

Rodney Ferd Kiesel, Carmichael, Calif.  
 B.S. (Principia College)  
*Dissertation*: Reactions of Vanadium Tetrachloride with  
 Some Amines and Aminoboranes  
*Field of Specialization*: Chemistry

Anthony William Klueppel, Glen Ellyn, Ill.  
 B.S. (Saint Procopius College)  
*Dissertation*: The Estimation of Zero Point  
 Vibrational Energy Using Empirical Parameters Based  
 upon Molecular Structure; A Calorimetric Study of the  
 Hydrolysis of Selected Ortho Esters  
*Field of Specialization*: Chemistry

Howard Charles Knachel, Jr., Cleveland Heights  
 B.S. (University of Dayton); M.S.  
*Dissertation*: Studies on Phosphorus(V) Chloride in  
 Ionizing Solvents and in the Solid State  
*Field of Specialization*: Chemistry

Ronald James Knapp, Clemson, S. C.  
 A.B. (Albion College); M.A. (Bowling Green State  
 University)  
*Dissertation*: A Factor Analytic Study of Alienation  
 Anomia, and Authoritarianism and Their Relationship  
 to the Tendency to Discriminate in a Southern College  
 Population  
*Field of Specialization*: Sociology

Fred Eric Kohler, Cleveland  
 B.A., M.A.  
*Dissertation*: A Linear Programming Approach to Water  
 Supply Alternatives  
*Field of Specialization*: Geography

Gary Alan Kordosky, Columbus  
 B.S. (Saint John's University); M.S.  
*Dissertation*: Cobalt(III) and Palladium(II) Complexes of  
 Polydentate Ligands Containing Group V-A Donor  
 Atoms  
*Field of Specialization*: Chemistry

Miriam Gershman Kovitz, San Bernardino, Calif.  
 A.B. (MacMurray College for Women); M.A.  
*Dissertation*: The "Lake Poets": Their Humor  
*Field of Specialization*: English

Sara Finn Kriger, Sacramento, Calif.  
 B.A., M.A. (Sacramento State College)  
*Dissertation*: Need Achievement and Perceived Parental  
 Child-Rearing Attitudes of Career Women and  
 Homemakers  
*Field of Specialization*: Psychology

\*Robert Joseph Kuryvial, Oxford  
 B.S. (Wayne State University); M.S. (Miami University)  
*Dissertation*: Behavior of Some Minor Elements in  
 Coexisting Plagioclase, Orthoclase, and Biotite from  
 Three Intrusive Bodies Located in the Central Wasatch  
 Range  
*Field of Specialization*: Mineralogy

Richard Anthony Lancioni, Columbus  
 B.A. (LaSalle College); M.B.A. (Ohio University)  
*Dissertation*: An Empirical Examination of Attitude and  
 Behavioral Changes in the Fashion Adoption Process  
*Field of Specialization*: Business Administration

Bertrand Clovis Landry, Columbus  
 B.S., M.S.  
*Dissertation*: A Theory of Indexing: Indexing Theory as  
 a Model for Information Storage and Retrieval  
*Field of Specialization*: Computer and Information Science

Gail William Lawrence, Livonia, Mich.  
 B.A. (Kalamazoo College)  
*Dissertation*: The Chemistry of the 14H-Dibenzo (a, j)  
 Xanthyl, 14H-Dibenzo (a, j) Thioxanthyl, and  
 14H-Dibenzo (a, j) Thioxanthyl-7, 7-dioxide Systems  
*Field of Specialization*: Chemistry

Donald Richard Leavers, Charleston, Ill.  
 B.Sc. (University of Notre Dame); M.S.  
*Dissertation*: Cyclotribozane: Enthalpy of Sublimation,  
 Dipole Moment, Dipole-Dipole Interaction Energy,  
 Infrared and Raman Spectra, and Probable Frequency  
 Assignment  
*Field of Specialization*: Chemistry

Alan Laird Lewis, Durham, Conn.  
 B.S.Opt. (Massachusetts College of Optometry); M.S.  
*Dissertation*: A Psychophysical Investigation of Rod-Cone  
 Interaction in the Human Visual System  
*Field of Specialization*: Physiological Optics

William Joseph Liebal, Girard  
 B.S. in Educ. (Youngstown University); M. in Educ.  
 (Kent State University)  
*Dissertation*: The Effect of Local or State Control on  
 Selected Responsibilities of Business Department Chairmen  
 in Public Junior Colleges in the United States  
*Field of Specialization*: Education

David Warren Livingston, Frankfort, Ky.  
 B.S. (Western Kentucky State Teachers College);  
 M.A. in Educ. (University of Kentucky)  
*Dissertation*: Symphony No. 1  
*Field of Specialization*: Music

Terry James Logan, San Luis Obispo, Calif.  
 B.S. (California State Polytechnic College); M.S.  
*Dissertation*: The Effects of Phosphorus Application Rate,  
 Soil Properties and Mode of Leaching on the Mass  
 Movement and Diffusion of Applied Phosphate in Soil  
 Columns  
*Field of Specialization*: Agronomy

\*Terry Lester Long, Oxford  
 B.A., M.A. (University of Houston)  
*Dissertation*: The Radical Criticism of Granville Hicks in  
 the 1930's  
*Field of Specialization*: English

J. Richard Lundgren, Easthampton, Mass.  
 B.S.E.E. (Worcester Polytechnic Institute); M.S.  
*Dissertation*: On Simple Groups All of Whose 2-Local  
 Subgroups are Solvable  
*Field of Specialization*: Mathematics

\* Degree granted in cooperation with Miami University

- Jerrold William Maben, Akron  
A.B., B.S. in Ed., M.Ed. (Wayne State University)  
*Dissertation*: A Survey of Science Teaching in the Public Elementary Schools of Two Selected Regions of the United States during the 1970-1971 School Year  
*Field of Specialization*: Education
- Denise Marie Madigan, Chicago, Ill.  
B.S. (Loyola University)  
*Dissertation*: The Photochemistry of 7-Carbomethoxy-3,4-Benzotropolidene, 5-Carbomethoxy-1,2-Benzotropolidene, and 6-Carbomethoxy-2,3-Benzonorcaradiene  
*Field of Specialization*: Chemistry
- Robert Zenn Maigetter, Youngstown  
B.S., M.S.  
*Dissertation*: The Study of Microbial and Particulate Interactions Using Batch and Continuous Culture Techniques  
*Field of Specialization*: Microbiology
- John Michael Mansfield, Galion  
B.A., M.A. (Miami University)  
*Dissertation*: Autoimmunity and Other Immune Mechanisms in Rabbits with Experimental *Trypanosoma congolense* Infections  
*Field of Specialization*: Microbiology
- Jayne Carney Martin, Floral Park, N. Y.  
B.S. (Saint Bonaventure University); M.S.  
*Dissertation*: Suspended Particles from Lake Erie: Amino Acid Composition and the Effect of Detergents on Their Interactions with Bacteria  
*Field of Specialization*: Microbiology
- Lawrence Leo Martin, Baltimore, Md.  
B.S. in Phar. (University of Maryland)  
*Dissertation*: Biosynthesis of the Antibiotic Spectinomycin  
*Field of Specialization*: Pharmacy
- Robert Allan Martin, Willoughby  
B.S. Ed., B.Mus., M.A.  
*Dissertation*: Individual Reward Preferences and Effort on School Tasks  
*Field of Specialization*: Psychology
- Madan Lal Mathur, Jodhpur, India  
B.V.Sc. and A.H. (Punjab University); M.V.Sc. (University of Madras)  
*Dissertation*: An Ultrastructural Study of the Functional Cytology of the Normal Parathyroid Glands in Nonlaying and Laying Hens, *Gallus domesticus*  
*Field of Specialization*: Veterinary Anatomy
- Larry McLaine Maupin, Kingston, Tenn.  
B.A. (University of Tennessee)  
*Dissertation*: George Granville's Importance to Four Literary Traditions of the Restoration and Eighteenth Century  
*Field of Specialization*: English
- Roger Cletus May, East Palestine  
B.S.E. in Met. Engr. (University of Michigan)  
*Dissertation*: The Electrochemistry of Titanium in Acid Solutions and Its Relation to Stress Corrosion Cracking  
*Field of Specialization*: Metallurgical Engineering
- \*Garth Albert McCann, Oxford  
B.A. (University of Hawaii); M.A. (Miami University)  
*Dissertation*: The Persona: Its Development in English Criticism  
*Field of Specialization*: English
- David Meltzer, Poughkeepsie, N. Y.  
B.E.E. (Rensselaer Polytechnic Institute); M.S.  
*Dissertation*: Speech Synthesis by Haar Functions with Comparison to a Terminal Analog Device  
*Field of Specialization*: Electrical Engineering
- Benton Edward Miles, Blacksburg, Va.  
B.S., M.S. (Virginia Polytechnic Institute)  
*Dissertation*: The Measurement of the Perceptions of Distributive Education as a Training Program Held by Distributive Education Students and Training Sponsors  
*Field of Specialization*: Education
- Robert Eugene Mitchell, Omaha, Neb.  
B.A. (Creighton University); M.A.  
*Dissertation*: Personality Correlates of Frequent Marijuana and Alcohol Use in a College Male Population  
*Field of Specialization*: Psychology
- Leo Carl Moody, Clinton, N. Y.  
B.A. (University of Massachusetts); A.M. (Harvard University)  
*Dissertation*: Aleksandr Solzenicyn's Prose: A Study of Phraseology and Characterization  
*Field of Specialization*: Slavic Languages and Literatures
- Richard James Moriarty, Windsor, Ont., Canada  
B.A. (Assumption University of Windsor); M.A. (University of Windsor); M.Ed. (Wayne State University)  
*Dissertation*: The Organizational History of the Canadian Intercollegiate Athletic Union Central (CIAUC) 1906-1955  
*Field of Specialization*: Physical Education
- Kenneth Jove Myers, Akron  
B.S. in E.E., B.S. (University of Akron); M.S.  
*Dissertation*: Luminance Additivity for Chromatic Grating Stimuli  
*Field of Specialization*: Biophysics
- Kenneth Wayne Narducy, Oaklawn, Ill.  
B.A. (Wartburg College)  
*Dissertation*: Equilibrium Constants for the Reaction of Ethylenediamines with Acetone and Isobutyraldehyde. Rate Constants for the Catalysis of the Deuteriation of Isobutyraldehyde-2-d by Ethylenediamines  
*Field of Specialization*: Chemistry
- William Charles Nelson, Hawley, Minn.  
B.S. (North Dakota State University); M.A. (University of Arizona)  
*Dissertation*: An Economic Analysis of Fertilizer Utilization in Brazil  
*Field of Specialization*: Agricultural Economics and Rural Sociology
- Harold Meredith Nestor, Columbus  
B.S.Ed., M.A.  
*Dissertation*: Development of Operational Criteria for a State Governing Agency for Two-Year, Post-Secondary, Career-Oriented Technician Education in Ohio  
*Field of Specialization*: Education

\* Degree granted in cooperation with Miami University

Emem Ufot Nwa, Oniong-Eket, Nigeria  
B.S. (California State Polytechnic College) ;  
M.S. (Michigan State University)  
*Dissertation*: A Fundamental Mathematical Simulation  
of Watersheds  
*Field of Specialization*: Agricultural Engineering

William Richard O'Brien, Xenia  
M.E. (Stevens Institute of Technology) ; M.B.A.  
*Dissertation*: A Cost-Effectiveness Approach to Analysis  
of the Process of Allocating Scarce Manpower Resources  
to Perform General Systems Engineering and Technical  
Direction  
*Field of Specialization*: Business Administration

John Willis O'Hara, Berea  
B.S. (Defiance College) ; M.A.  
*Dissertation*: Dimensional Interaction and Its Effect on  
Salience in Concept Identification  
*Field of Specialization*: Psychology

Ronald Ray Partridge, Athens  
B.S.Ed., M.Ed. (Ohio University)  
*Dissertation*: A Study of the University Council for  
Educational Administration with Regard to Its Origin,  
Development, and Perceived Influence on Member  
Institutions  
*Field of Specialization*: Education

William Frank Pickard, Flint, Mich.  
B.S. (Western Michigan University) ; M.S.W. (University  
of Michigan)  
*Dissertation*: A Survey of the Literature Pertaining to  
the Academic Achievement of Black Students; A Case  
for Open Admissions  
*Field of Specialization*: Education

Terry James Puckett, Germantown, Tenn.  
B.S. (Millsaps College) ; M.S. (Mississippi Southern  
College)  
*Dissertation*: Implementing and Assessing Instruction  
via Instructional Systems and Behavioral Objectives  
*Field of Specialization*: Education

Robert Charles Radcliffe, Painesville  
B.B.A. (Ohio University) ; M.B.A.  
*Dissertation*: Determinants of the Marketability of Large  
Blocks of Common Stocks  
*Field of Specialization*: Business Administration

Trikur Anantharaman Ramanarayanan, Kerala, India  
B.E. (Indian Institute of Science) ; B.Sc. (University of  
Kerala) ; M.S.  
*Dissertation*: Electrochemical Determination of the  
Diffusivity and Solubility of Oxygen in Liquid Tin and  
Solid Silver  
*Field of Specialization*: Metallurgical Engineering

John David Rawn, Columbus  
B.S. (Capital University) ; M.S.  
*Dissertation*: Problems in Kinetics and Conformational  
Analysis  
*Field of Specialization*: Chemistry

Allan Russell Raymond, Plymouth  
A.B. (Bowdoin College) ; M.A.  
*Dissertation*: The Political Career of Cadwallader Colden  
*Field of Specialization*: History

Michael Joseph Reddy, Stockport, England  
B.A. (University of Manchester) ; Lic. Philosophy, Lic.  
Theology (Heythrop College, Oxford University) ; M.A.  
*Dissertation*: Interaction Testing in the Measurement of  
Marital Disturbance  
*Field of Specialization*: Psychology

George William Reeser, Cullowhee, N. C.  
B.S.Ed., M.A.Ed. (Ball State University)  
*Dissertation*: The Relative Effectiveness of Selected  
Instructional Media for Stimulating Student Awareness  
of and Interest in the Construction Industry  
*Field of Specialization*: Education

Don Scott Rhines, Cincinnati  
B.Eng.Phys. (Cornell University)  
*Dissertation*: Observation of Rho-Omega Interference in  
p p Annihilation at 2.32 GeV/c  
*Field of Specialization*: Physics

Emory Hunt Richards, Johnson City, Tenn.  
B.A. (Denison University) ; M.B.A. (Harvard University)  
*Dissertation*: An Investigation of the Relationship of  
Participation in Off-Job Activities to the Promotability of  
Middle Managers in Medium-Size Manufacturing Firms  
*Field of Specialization*: Business Administration

Frank Stephen Riddel, Shoals, W. Va.  
B.A., M.A. (Marshall College)  
*Dissertation*: Related Aspects of the Social and Economic  
Problems, Cultural Tradition, and Educational System of  
Rural Appalachia: An Analysis Based on the Concept of  
Scale  
*Field of Specialization*: Education

William Kenney Roach, Columbus  
B.S. (Saint Louis University)  
*Dissertation*: A Revision of the Genus *Hilara* in Eastern  
North America (Diptera: Empididae)  
*Field of Specialization*: Entomology

Higdon C. Roberts, Jr., Bloomington, Ind.  
A.B., M.Ed. (University of Cincinnati) ; M.A. (Miami  
University)  
*Dissertation*: Private Benefits and the Cohesion of  
Voluntary Associations: A Field Test of the Theory of  
Collective Action  
*Field of Specialization*: Political Science

Eugene Wallace Rork, Springfield  
B.S., M.S.  
*Dissertation*: Mössbauer-Effect Studies of Gadolinium  
and Disprosium Nuclei  
*Field of Specialization*: Physics

John Patrick Ryan, Jr., Yonkers, N. Y.  
B.A. (Fordham University) ; M.A.  
*Dissertation*: Philip Melancthon and the Diplomacy of  
Humanism; 1531-1540  
*Field of Specialization*: History

Robert Reese Safford, Jr., Columbus  
B.I.E., M.S.  
*Dissertation*: Visual Spare Capacity in Automobile  
Driving and Its Sensitivity to Carboxyhemoglobin  
*Field of Specialization*: Industrial Engineering

Gerald Lang Salamon, Chicago, Ill.  
B.S. (University of Illinois)  
*Dissertation:* A Comparison of the Accounting and Internal Rates of Return of Firms with Non-Negative Growth Rates and Infinite Lives  
*Field of Specialization:* Accounting

Margaret Elizabeth Sayers, Edison  
B.A. (Capital University); M.A.  
*Dissertation:* The Destruction of Myth in *Cien Años de Soledad*  
*Field of Specialization:* Romance Languages

Donald Bruce Schewe, Lincoln, Neb.  
A.B., M.A. (University of Nebraska)  
*Dissertation:* A History of the Postal Savings System in America, 1910-1970  
*Field of Specialization:* History

Roger Clark Schiobin, West Hempstead, N. Y.  
B.A. (Long Island University); M.A. (University of Wisconsin)  
*Dissertation:* The Turke & Gowin, the Marriage of Sir Gawaine, and the Grene Knight: Three Editions with Introductions  
*Field of Specialization:* English

John Paul Schoessler, Kent  
B.S. in Opt., O.D., M.S.  
*Dissertation:* Disparity Induced Vergence Responses in Normal and Strabismic Subjects  
*Field of Specialization:* Physiological Optics

Eldon Carl Schriner, Attica  
B.S. Agr., M.S.  
*Dissertation:* The Family Social Network and Parental Encouragement for Higher Education  
*Field of Specialization:* Sociology

Nicholas Andrew Sharp, Overland Park, Kan.  
B.A. (University of Kansas); M.A.  
*Dissertation:* Shakespeare's Baroque Comedy: *The Winter's Tale*  
*Field of Specialization:* English

Thomas Dean Shockney, Ashland  
B.S. in Edu., M.A. in Edu. (Ball State University)  
*Dissertation:* Interpersonal Perceptions within the Student Teaching Triad  
*Field of Specialization:* Education

Jerry Lee Silver, Cincinnati  
B.S. Phys.  
*Dissertation:* A Continuous Nonlinear Programming Problem  
*Field of Specialization:* Industrial Engineering

Virendra Kumar Singh, Utter Pradesh, India  
B.Sc., M.Sc. (Agra University); M.S.  
*Dissertation:* The IgG Immunoglobulins of Bovine Colostrum and Milk: Selected Biochemical and Antimicrobial Properties  
*Field of Specialization:* Dairy Technology

Douglas Duane Smith, Pocatonia, Ill.  
B.S. (Wisconsin State University); M.S. (Rensselaer Polytechnic Institute)  
*Dissertation:* A Study of Learner Characteristics and Computer Assisted Instruction Decision Making  
*Field of Specialization:* Education

Richard Emmanuel Smith, New Amsterdam, Guyana  
B.A. (Inter American University of Puerto Rico); B.D. (Waterloo Lutheran University); M.A.  
*Dissertation:* A Study of the Correspondences between the *Roman de Renard*, Jamaican Anansi Stories, and West African Animal Tales Collected in Culture Area V  
*Field of Specialization:* English

Le Minh Son, Saigon, Vietnam  
B.A. (Fordham University)  
*Dissertation:* Teaching: A Logical Analysis and an Epistemological Investigation  
*Field of Specialization:* Education

Charles Robert Sperati, Wilmington, Del.  
B.A. (Luther College)  
*Dissertation:* I. Spectral Properties of Some Tetragonal Nickel (II) Complexes II. Synthesis and Characterization of Some Tetradentate Macrocyclic Complexes of Chromium  
*Field of Specialization:* Chemistry

Larry Allen Standridge, Columbus  
B.A. (Baylor University); M.R.E. (Southwestern Baptist Theological Seminary)  
*Dissertation:* An Analysis of Teaching in the Extension Centers of the Southern Baptist Seminaries  
*Field of Specialization:* Education

Richard Alan Stimson, Dayton  
Mech. Engr. (University of Cincinnati); M.B.A.  
*Dissertation:* Professional Engineer Attitudes toward Collective Action, Collective Bargaining and Unionism  
*Field of Specialization:* Business Administration

Dennis Paul Stombaugh, Bryan  
B.Agr.E., M.S.  
*Dissertation:* Temperature Regulation in Piglets with Hypothalamic Implants  
*Field of Specialization:* Agricultural Engineering

Sophia Ruei Su, Taipei, Taiwan  
B.Sc. (Taiwan Normal University); M.S.  
*Dissertation:* Study of Reactions of Transition Metal Alkyl, Alkenyl, and Alkynyl Complexes with Tetracyanoethylene  
*Field of Specialization:* Chemistry

Sudjoko, Bandung, Indonesia  
Sardjana (University of Indonesia); M.A. (University of Chicago)  
*Dissertation:* Art Education for Economic Development  
*Field of Specialization:* Art Education

Betty Jo Sullivan, Pennsboro, W. Va.  
B.S.H.E. (West Virginia University); M.S. (Michigan State University)  
*Dissertation:* Effects of Type and Level of Dietary Fat on Excretion of Fecal Steroids in Normal Young Women  
*Field of Specialization:* Home Economics



- Joyce Reed Sullivan, Stow  
B.S.Educ., M.A. (Kent State University)  
*Dissertation*: Characteristics Pertaining to the Selection of Dating and Marital Partners as Perceived by College Students and Their Parents  
*Field of Specialization*: Home Economics
- Luke Joel Swabb, Jr., Pittsburgh, Pa.  
B.A. (Muskungum College); M.A.  
*Dissertation*: The Rhetorical Theory of Rev. Joseph Ruggles Wilson, D.D.  
*Field of Specialization*: Speech Communication
- Stephen Eugene Taylor, Akron  
B.A. (College of Wooster)  
*Dissertation*: Free Will and Determinism: A Defense of Libertarianism  
*Field of Specialization*: Philosophy
- Joseph Richard Tebben, Moline, Ill.  
B.A. (Duquesne University); M.A. (University of Pittsburgh)  
*Dissertation*: A Metrical and Lexical Study of the Homeric Hymns  
*Field of Specialization*: Classics
- David Linden Thorsell, Duluth, Minn.  
B.A. (University of Minnesota)  
*Dissertation*: Part I — Electron Paramagnetic Resonance Studies of  $Gd^{3+}$  in Single Crystals. Part II — An EPR Investigation of Deuterium Isotope Effects on the Zero-Field Splittings of Optically Excited Triplet Molecules in Single Crystals at 77K  
*Field of Specialization*: Chemistry
- Larry Gene Traub, West Bend, Ia.  
B.S., M.S. (South Dakota State University)  
*Dissertation*: Economic Factors Affecting Ohio's Processing Tomato Harvest and Supply  
*Field of Specialization*: Agricultural Economics and Rural Sociology
- Chieh-Hsin Tseng, New Village, Taiwan  
B.S., M.S. (Taiwan Provincial Chung-Hsing University)  
*Dissertation*: The Consumption and Demand for Soybeans in Taiwan, China  
*Field of Specialization*: Agricultural Economics and Rural Sociology
- Carroll Phillip Vance, Johnson City, Tenn.  
B.S. (East Tennessee State University)  
*Dissertation*: The Effect of Ethanol and Other Low Molecular Weight Alcohols on Phenols and Phenol Oxidizing Enzymes in *Armillaria mellea* (Vahl) Qual. in Relation to Growth and Rhizomorph Development  
*Field of Specialization*: Plant Pathology
- Jerome Allen Vigil, Chicago, Ill.  
B.S., M.S. (DePaul University)  
*Dissertation*: Accessories to the Ten-Meter Czerny-Turner Spectrograph and Spectral Resolution Achieved in the Near Infrared—Study of Bands of Oxygen-18 Enriched Carbon Dioxide  
*Field of Specialization*: Physics
- Aurele Joseph Violette, Kettering  
B.A. (Bowdoin College); M.A.  
*Dissertation*: Russian Naval Reform, 1855-1870  
*Field of Specialization*: History
- Lorin Victor Waitkus, Cleveland Heights  
B.S.Ed. (State Teachers College at California, Pennsylvania); M.Ed. (Pennsylvania State University)  
*Dissertation*: Conceptualizing a Body of Knowledge of Solid Materials Processing with Implications for Curriculum Development  
*Field of Specialization*: Education
- Lawrence Alan Walchli, Fairborn  
B.S.M.E. (Case Institute of Technology); M.S.  
*Dissertation*: An Experimental Study of a Complete Expansion  
*Field of Specialization*: Aeronautical and Astronautical Engineering
- Fred Harold Wallbrown, Athens  
B.S. Ed., M.Ed. (Ohio University)  
*Dissertation*: A Validity Study of the Wallach-Kogan Creativity Test: The Prediction of Six Concurrent Criteria in Visual Art  
*Field of Specialization*: Psychology
- Gerald Lee Wasmer, College Place, Wash.  
B.S., M.A. (Walla Walla College)  
*Dissertation*: A Numerical Phenetic Study of the Bryobiine Spider Mites (Acari: Tetranychidae)  
*Field of Specialization*: Entomology
- Armin David Weinberg, Cleveland  
B.S.  
*Dissertation*: An Analysis of the Growth and Differentiation of the Plica Semilunaris Oculi in Man in Relation to the Ocular Conjunctiva  
*Field of Specialization*: Anatomy
- Daniel Eugene Wetzel, Cedarville  
B.S. (Morehead State College); M.S. (University of Cincinnati)  
*Dissertation*: Operation, Diagnostics and Spectrographic Analysis of a Disc Shaped Plasma Focus  
*Field of Specialization*: Physics
- Nathaniel Miller White, Cumberland, R. I.  
A.B. (Earlham College); M.S.  
*Dissertation*: Near Infrared Photoelectric Photometry of M Type Supergiants  
*Field of Specialization*: Astronomy
- William Pope White, Jr., Mobile, Ala.  
B.S. in Chem. (Auburn University)  
*Dissertation*: The Identification and Characterization of the Excited Electronic States of the CF Molecule  
*Field of Specialization*: Chemistry
- Robert McKay Wilhelm, Tavistock, Ont., Canada  
B.A. (McMaster University); M.A.  
*Dissertation*: The Georgics: A study of the Emergence of Augustus as *Moderator Rei Publicae*  
*Field of Specialization*: Classics
- Paul Lawrence Wilkens, Seville  
B.S. in Bus.Ad. (Bowling Green State University); M.B.A.  
*Dissertation*: An Analysis of the Attitudinal and Behavioral Impact of a Human Resource Information System  
*Field of Specialization*: Business Administration

- Elizabeth Awad Williams, Brooklyn, N. Y.  
 B.S. (Bucknell University)  
*Dissertation*: The Chemistry of *cis*- and *trans*-Bicyclo  
 [n.1.0] alkan-2-ols  
*Field of Specialization*: Chemistry
- Harry Jennings Williams, Jr., Steubenville  
 B.S.Ed.; M.Ed. (Kent State University)  
*Dissertation*: A Comparison of the Involvement of  
 Elementary School Principals in Four States with  
 Legislatively Defined Roles for Principals in Negotiations  
 with the Involvement of Principals in Ohio where  
 Involvement of Elementary School Principals Is Not Yet  
 Legislated  
*Field of Specialization*: Education
- Richard Darby Williams, Jr., Mansfield  
 B.A., M.A.  
*Dissertation*: *Poeta Ludens*: Explorations in the Theory of  
 Art as Play  
*Field of Specialization*: English
- Lei Yen, Taipei, Taiwan  
 B.S. (National Taiwan University)  
*Dissertation*: Infrared Studies of Metal Proteins  
*Field of Specialization*: Physiological Chemistry
- Warren Melvin Young, Massillon  
 B.S. (Case Institute of Technology); M.S.  
*Dissertation*: A Photometric Study of Stars with  
 Composite Spectra  
*Field of Specialization*: Astronomy
- Lois Joy Youngen, Seville  
 B.S. in Ed. (Kent State University); M.A. (Michigan  
 State University)  
*Dissertation*: Attitudes toward Physical Activity as a  
 Function of the Approval Motive in First-Year College  
 Women  
*Field of Specialization*: Physical Education
- Phillip Raymond Zurbrick, La Grande, Ore.  
 B.S. (Oregon State University); M.Agr.Ed. (University  
 of Arizona)  
*Dissertation*: Effectiveness of a Teacher Reference  
 Utilizing an Inductive Mode and Principles Approach  
 with High School Vocational Agriculture Students  
*Field of Specialization*: Agricultural Education

**Master of Architecture**

One candidate

Richard Allen Badham,  
Puyallup, Wash.  
B.A. (Washington State University)  
*Field of Specialization:* Architecture

**Master of Arts**

One hundred and seventy-five candidates

Bern Eric Anderson, Barrington,  
N. H.  
B.A. (University of New Hampshire)  
*Field of Specialization:* Psychology

Elizabeth Marks Anderson,  
Worthington  
A.B. (Central Michigan University)  
*Field of Specialization:* Education

Kathleen Phyllis Anderson, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Margaret Mary Armbrust, Cincinnati  
B.S. in Design (University of  
Cincinnati)  
*Field of Specialization:* History of  
Art

Kim Douglas Ashley, Geneva  
B.A. (Miami University)  
*Field of Specialization:* English

Janet Burt Baker, Cleveland  
B.A. (Hiram College)  
*Field of Specialization:* English

George Dana Barber, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

John Arthur Barr, Westerville  
B.A. (Muskingum College)  
*Field of Specialization:* Physical  
Education

James Bruce Rattles, Columbus  
B.S.Ed. (Miami University)  
*Field of Specialization:* Education

Robert James Bauer,  
West Englewood, N. J.  
B.A. (Don Bosco College)  
*Field of Specialization:* English

Dennis Edward Bayley,  
Casino, Australia  
B.A., Dip.Ed. (University of New  
England)  
*Field of Specialization:* Economics

Joanna River Bethel, Chillicothe  
A.B. (Ohio University)  
*Field of Specialization:* Public  
Administration

Richard Steward Blackenberry,  
Columbus  
B.S.Bus.Adm. (Franklin University)  
*Field of Specialization:* Public  
Administration

Gene Edward Bowman, Lexington  
B.S.Ed.  
*Field of Specialization:* Education

Roberta Juday Brockhaus,  
Garland, Tex.  
B.A. (University of Texas)  
*Field of Specialization:* German

John Roggie Brown,  
Charleston, W. Va.  
B.A. (West Virginia State College)  
*Field of Specialization:* Psychology

Linda Jean Brown, Columbus  
B.S.  
*Field of Specialization:* Psychology

Grace Weisheimer Brumfield,  
Worthington  
B.S.Ed.  
*Field of Specialization:* Education

Douglas Anthony Burdette, Gahanna  
B.S. (Butler University)  
*Field of Specialization:* Education

Frederick T. Burkey, Ashland  
B.A. (Ashland College) ; B.D.  
(Ashland Theological Seminary) ;  
M.R.E. (Southern Baptist Theological  
Seminary)  
*Field of Specialization:* Education

Silvana Mary Camboni, Columbus  
B.A.Jour.  
*Field of Specialization:* Journalism

Julianne McManemin Campbell,  
Greenville  
A.B. (Western Kentucky University)  
*Field of Specialization:* Speech  
Communication

Paul Gerald Carlson, Greenwood, Ind.  
B.A. (Cedarville College)  
*Field of Specialization:* Education

Juliana Kropp Centner, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Wallace Chandler, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Diane McWilliams Chenoweth,  
Fort Collins, Colo.  
B.A. (Clarke College)  
*Field of Specialization:* Psychology

Robert William Cochran,  
Eau Claire, Wis.  
A.B. (Stanford University)  
*Field of Specialization:* History

James Michael Cooper,  
Newburgh, N. Y.  
B.A. (State University College of  
New York at Buffalo)  
*Field of Specialization:* Romance  
Languages

Joyce Ann Cordell, Springfield  
B.A. (Oakwood College)  
*Field of Specialization:* Speech  
Communication

Vivian Eileen Crisp, Columbus  
B.S. in Edu. (Capital University)  
*Field of Specialization:* Education

Robert Settimio Cupello,  
Rochester, N. Y.  
B.A. (Saint John Fisher College)  
*Field of Specialization:* Romance  
Languages

Grover Craig Curry, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

James Ralph Cybulski, Parma  
A.B. (Borromeo Seminary of Ohio)  
*Field of Specialization:* Classics

Mary Ann Daniels, Oshkosh, Wis.  
B.S. (Wisconsin State University)  
*Field of Specialization:* Physical  
Education

Joseph Melvin Davis,  
University Heights  
B.S.Bus.Adm.  
*Field of Specialization:* Education

Robert Hamilton Davis, Columbus  
B.A.  
*Field of Specialization:* Speech  
Communication

Edward Eugene Debiec,  
Poughkeepsie, N. Y.  
B.S.Ed.  
*Field of Specialization:* Theatre

Irma de Leon, San Antonio, Tex.  
B.A. (Incarnate Word College)  
*Field of Specialization:* English

Gregory Raymond Diffendal,  
Westerville  
B.S.Ed. (Youngstown University)  
*Field of Specialization:* Education

Edward Albert Di Toro,  
Flushing, N. Y.  
A.B. (Saint Joseph College)  
*Field of Specialization:* History

David Arthur Dittman, Cincinnati  
B.A. (University of Notre Dame)  
*Field of Specialization:* Accounting

- Richard Francis Dodd,  
New Lexington  
A.B. (College of Saint Charles  
Borromeo)  
*Field of Specialization*: Education
- Alice Gore Dolin, Columbus  
B.A. (Marshall University)  
*Field of Specialization*: English
- Sharon Rae Dorsey, Columbus  
B.S. in Ed. (Bowling Green State  
University)  
*Field of Specialization*: Education
- Patrick Letterle Edsell,  
Louisville, Ky.  
B.S. (United States Air Force  
Academy)  
*Field of Specialization*: Economics
- Howard Ronald Epstein,  
Philadelphia, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization*: Psychology
- Edgar Lawrence Erlanger, Columbus  
B.S.Ed.  
*Field of Specialization*: Education
- Alice Odell Faron, Champaign, Ill.  
A.B. (University of Illinois)  
*Field of Specialization*: Education
- Lynn Patricia Fisher, Glendale, Calif.  
A.B. (Occidental College)  
*Field of Specialization*: Psychology
- John Steven Fitzpatrick,  
Anaconda, Mont.  
B.A. (University of Montana)  
*Field of Specialization*: Sociology
- Robert Charles Fizer, Ithaca, N. Y.  
B.A. (Ithaca College)  
*Field of Specialization*: Education
- Carolyn Ferrell Flenner, Columbus  
B.S.Ed.  
*Field of Specialization*: Speech  
Communication
- Albert William Flores, Eastlake  
A.B. (Cleveland State University)  
*Field of Specialization*: Philosophy
- James Wilson Fry, Canton  
B.A. (Milligan College)  
*Field of Specialization*: History
- Linda Martinson Gartman, Columbus  
B.A.  
*Field of Specialization*: Psychology
- Monica Baciú Gergen, Columbus  
Examen de Stat (University of  
Bucharest)  
*Field of Specialization*: Romance  
Languages
- Ellen Marie Gerlitz, Springfield  
A.B. (Indiana University)  
*Field of Specialization*: German
- Jo Holt Goehl, Columbus  
B.A.  
*Field of Specialization*: Education
- Joseph Aaron Goodrich, Columbus  
B.S.Ed.  
*Field of Specialization*: Education
- Gordon Lee Groby, Lancaster  
A.B. (Western Maryland College);  
S.T.B. (Boston University)  
*Field of Specialization*: Philosophy
- John George Hartung,  
Minneapolis, Minn.  
B.A. (Saint Paul Seminary)  
*Field of Specialization*: Psychology
- Ruth Ann Hebbert, Scotland, S. D.  
B.A. (South Dakota State  
University)  
*Field of Specialization*: German
- Jann Kathryn Heffner, Columbus  
B.A. (University of Washington)  
*Field of Specialization*: Education
- Kurt Karl Hendel, St. Joseph, Mich.  
B.A. (Concordia Senior College); R.D.  
(Concordia Seminary)  
*Field of Specialization*: History
- Sarah Ann Hill, Columbus  
B.S. (Bethany College)  
*Field of Specialization*: Psychology
- Richard Alan Hobbie, Eastlake  
B.A.  
*Field of Specialization*: Economics
- John Howard, Jr., Columbus  
B.S.Ed. (University of Cincinnati)  
*Field of Specialization*: Education
- William Samuel Jacobs,  
Brooklyn, N. Y.  
A.B. (University of Rochester)  
*Field of Specialization*: Philosophy
- Brent Niel Jacobsen,  
Heber City, Utah  
B.A. (Brigham Young University)  
*Field of Specialization*: History
- Ann Woodward James, Columbus  
B.S. in Ed. (Bowling Green State  
University)  
*Field of Specialization*: Education
- Paul Alex Jenkins, Columbus  
B.A. (Anderson College)  
*Field of Specialization*: Education
- John Charles Johns, Columbus  
B.A. (Ohio Wesleyan University)  
*Field of Specialization*: Education
- John Sherman Johnson, Groveport  
B.S.Ed.  
*Field of Specialization*: Education
- Alene Smith Jones, Mansfield  
B.S.Ed. (Wilberforce University)  
*Field of Specialization*: Education
- Richard Thomas Jurasek, Lorain  
A.B. (Ohio University)  
*Field of Specialization*: German
- Eunice Justice, Columbus  
A.B. (Morehead State College)  
*Field of Specialization*: Education
- William John Kilkenny, Columbus  
B.S.Ed.  
*Field of Specialization*: Education
- Larry Lee Kleinhenz, Dayton  
B.F.A., B.S.Ed.  
*Field of Specialization*: Education
- Susan Levin Kline, Columbus  
B.A. (University of Texas)  
*Field of Specialization*: Education
- James Robert Kneip, Lancaster, Pa.  
B.A. (Franklin and Marshall College)  
*Field of Specialization*: History
- Thomas John Kniesner,  
Garfield Heights  
B.A.  
*Field of Specialization*: Economics
- Andrea Post Kupf, Philadelphia, Pa.  
B.A. (Bryn Mawr College)  
*Field of Specialization*: Public  
Administration
- David William Krapp, Columbus  
B.F.A.  
*Field of Specialization*: Art
- Doris Austin Krasik, Columbus  
B.A. (Marietta College)  
*Field of Specialization*: Education
- Loretta Cerrone Kreps, Columbus  
B.S. in Ed. (University of Akron)  
*Field of Specialization*: Education
- Patricia Joan Avery Kroes, Columbus  
B.A. (Denison University)  
*Field of Specialization*: Speech  
Communication
- Barbara A. Krysa, Parma  
B.A. (Muskogum College)  
*Field of Specialization*: Psychology
- Samuel Neil Ladrach,  
Washington Court House  
B.S.  
*Field of Specialization*: Psychology
- David Dale Lee, Westchester, N. Y.  
B.A. (Miami University)  
*Field of Specialization*: History

- Curtis Levi Lewis, Columbus  
B.S.Bus.Adm. (Franklin University)  
*Field of Specialization:* Education
- Alicia Dawn Lloyd, Rome, N. Y.  
A.B. (Oberlin College)  
*Field of Specialization:* East Asian Languages
- Edwin Michael Loois, Columbus  
B.A. (Shepherd College)  
*Field of Specialization:* Physical Education
- Nidia Tiru Lopez,  
Mayaguez, Puerto Rico  
B.A. (University of Puerto Rico)  
*Field of Specialization:* English
- Helen Marie Lynum, Cleve  
B.A. (Wellesley College)  
*Field of Specialization:* Psychology
- Kurt Max Malkoff, Youngstown  
B.A.  
*Field of Specialization:* Education
- Dorothy Feeney Matthews, Columbus  
B.A. (Duke University)  
*Field of Specialization:* Psychology
- Robert Christopher McCafferty,  
Columbus  
B.S. (College of Steubenville)  
*Field of Specialization:* Education
- Roy McClelland, Columbus  
B.S. (Central State College)  
*Field of Specialization:* Education
- John Keith McHenry, Wheelersburg  
B.S. (Ohio University)  
*Field of Specialization:* Psychology
- Wayne Edward Mehl, Columbus  
B.A.  
*Field of Specialization:* History
- Thomas Vincent Merluzzi,  
New Britain, Conn.  
B.A. (Central Connecticut State College)  
*Field of Specialization:* Psychology
- Jeffrey Edward Mirel, Beachwood  
B.A.  
*Field of Specialization:* Education
- Dora Hall Mitchum, Columbus  
B.A. (Wilberforce University)  
*Field of Specialization:* Education
- Herman Stephen Moeller, Cincinnati  
B.S. in Ed. (Otterbein College)  
*Field of Specialization:* Physical Education
- Donald William Moffat, Columbus  
B.S.Ed.  
*Field of Specialization:* Speech Communication
- Robert Dana Moorehead, Columbus  
B.S.Soc.Wel.  
*Field of Specialization:* Education
- Robert Frederick Musson, Columbus  
B.A.Jour.  
*Field of Specialization:* Journalism
- Carol Ruth Nechemias, Cincinnati  
A.B. (Washington University)  
*Field of Specialization:* Political Science
- Ronald Martin Newberg, Beachwood  
B.A.  
*Field of Specialization:* Education
- Neal Peter Newman, New York, N. Y.  
A.B. (Earlham College)  
*Field of Specialization:* Psychology
- Hassan Adam Noor,  
Geneva, Switzerland  
B.A. (University of Colorado)  
*Field of Specialization:* Economics
- Kenneth Frank Oblak, Stow  
B.A. (Hiram College)  
*Field of Specialization:* History
- Mieko Ohso, Oku-Gun, Japan  
B.A., M.A. (International Christian University, Japan)  
*Field of Specialization:* Linguistics
- Thomas John Olander  
Milwaukee, Wis.  
B.S. (Marquette University)  
*Field of Specialization:* Journalism
- Robert Terrence Olbrysh, Toronto  
B.A.Jour.  
*Field of Specialization:* Journalism
- Harold Steven Orenstein,  
Levittown, N. Y.  
B.A. (State University of New York at Stony Brook)  
*Field of Specialization:* Slavic Languages
- Margaret Schwartz Pasquale,  
Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Jimmy Jay Payton, Dayton  
B.S. (Otterbein College)  
*Field of Specialization:* Economics
- Barbara Jones Pettit, Newark  
B.S.Ed.  
*Field of Specialization:* Education
- Mary Lou Pfeifer, Springfield  
A.B. (Asbury College)  
*Field of Specialization:* Education
- John Joseph Plahovinsak, Oxford  
B.A. (Rider College); M.A. (Miami University)  
*Field of Specialization:* Journalism
- Susan Smart Porterfield, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Mary Jeanne Quinlivan, Carnegie, Pa.  
B.A. (University of Dayton)  
*Field of Specialization:* Psychology
- Sarah Edmonds Richards,  
Homestead, Fla.  
B.S.Ed. (Miami University)  
*Field of Specialization:* Romance Languages
- Rodney Paul Riegler, Lima  
B.A. (Wittenberg University)  
*Field of Specialization:* Education
- Charles Donald Rogers, Columbus  
B.A. (Los Angeles State College)  
*Field of Specialization:* Education
- Marsha Shapiro Rose, Columbus  
B.A. (Roosevelt University)  
*Field of Specialization:* History
- Jean Littlejohn Rouse, Columbus  
B.Mus. (University of North Carolina)  
*Field of Specialization:* Music
- Joseph Richard Ruffino,  
Rochester, N. Y.  
B.A. (Saint John Fisher College)  
*Field of Specialization:* Romance Languages
- Stanley William Russell,  
Charleston, S. C.  
A.B. (The Citadel)  
*Field of Specialization:* Political Science
- Paula Ruth Sachs, Cleveland  
B.A. (University of Cincinnati)  
*Field of Specialization:* Psychology
- Ute Helene Shepherd St. Clair,  
Columbus  
B.A.  
*Field of Specialization:* Philosophy
- Marcia Jo Sanders, Worthington  
B.S.Edu. (Otterbein College)  
*Field of Specialization:* Education
- Thomas Jerome Schaeper,  
Covington, Ky.  
A.B. (Thomas More College)  
*Field of Specialization:* History
- Deborah Ann Schmidt,  
Kaukauna, Wis.  
B.S. (University of Wisconsin)  
*Field of Specialization:* Linguistics
- James Owen Schwarz, Columbus  
B.S.Ed.  
*Field of Specialization:* Physical Education

Celia Ann Sgroi, Fulton, N. Y.  
B.A. (State University of New York  
at Oswego)

*Field of Specialization:* German

Eva Hanski Shinar, Jerusalem, Israel  
B.A. (Hebrew University of  
Jerusalem)

*Field of Specialization:* Psychology

Yvonne Veeley Shively, Columbus  
B.S.Ed.

*Field of Specialization:* Education

Jonathan Carl Siehl, Pittsburgh, Pa.  
B.A. (Muskingum College), B.D.

(Pittsburgh Theological Seminary)  
*Field of Specialization:* Philosophy

Mary Jeannette Sirridge,  
Prairie Village, Kan.

B.A. (Saint Mary's College)

*Field of Specialization:* Philosophy

Jonathan Smilansky,  
Ramat-Hasharon, Israel

B.A. (Tel Aviv University)

*Field of Specialization:* Psychology

Timothy Daly Smith, Zanesville  
B.A.

*Field of Specialization:* Journalism

Elizabeth Anne Spangler, Columbus  
B.S.Ed.

*Field of Specialization:* Education

Wesley Eugene Spreen, Sidney

B.A. (Ohio Wesleyan University)

*Field of Specialization:* Economics

Theodore M. Stanger, Worthington  
A.B. (Princeton University)

*Field of Specialization:* Journalism

Janice Margaret Stewart, Columbus  
B.S.Ed. (Ohio University)

*Field of Specialization:* Education

Helen Campbell Stomberg, Delaware  
B.A. (Kent State University)

*Field of Specialization:* Education

Marcia Fenn Story, Columbus

A.B. (Salve Regina College)

*Field of Specialization:* Romance  
Languages

Mary Sydir, Cleveland

B.A.

*Field of Specialization:* Romance  
Languages

Harold Allan Taggart, Wellsville

B.S.Ed. (Kent State University)

*Field of Specialization:* History

Juliet Kathleen Taylor, Worthington  
B.S.Soc.Wel.

*Field of Specialization:* Psychology

Verta Ann Taylor, Jonesboro, Ark.

B.A. (Indiana State University)

*Field of Specialization:* Sociology

Janet Sue Tellman, Lorain

B.A. (Muskingum College)

*Field of Specialization:* Education

Patricia Ann Terpack, Struthers

B.A. (Miami University)

*Field of Specialization:* History

Will Carter Thomas, Jr., Lima

B.S.Ed.

*Field of Specialization:* Education

Patricia Anderson Velotta,

Colorado Springs, Colo.

B.S.Ed.

*Field of Specialization:* Speech  
Communication

Theodore Clarence Wagenaar,

Byron Center, Mich.

A.B. (Calvin College)

*Field of Specialization:* Sociology

Paul Willis Ward, Jr., Hilliard

B.S. in Educ. (Capital University)

*Field of Specialization:* Physical  
Education

M. Elaine Warren, Columbus

B.A. (Capital University)

*Field of Specialization:* Education

David John Hopetoun Watson,

Brisbane, Australia

B.Com. (University of Queensland)

*Field of Specialization:* Accounting

Jerry Joseph Waxman, Miami, Fla.

B.A. (Florida State University)

*Field of Specialization:* Sociology

Margaret Roberts Wehner, Columbus

B.S.Nurs.

*Field of Specialization:* Education

John Joseph Wellnitz, Columbus

B.A., B.S.Ed.

*Field of Specialization:* Education

Martha Dimick White, Columbus

B.S.Ed.

*Field of Specialization:* Education

Redge Arthur Wilde, Bay Village

B.S.Ed.

*Field of Specialization:* Physical  
Education

Carolyn Jean Willey, Barberton

B.S. (Kent State University)

*Field of Specialization:* Education

Monalee Ward Williams, Columbus

B.S.Ed. (Ohio University)

*Field of Specialization:* Education

Jane Louise Winer, Falls Church, Va.

B.A., M.L.S. (State University of

New York at Albany)

*Field of Specialization:* Psychology

Carolyn Clare Woodside, Sharon, Pa.

B.S. (University of Pittsburgh)

*Field of Specialization:* Psychology

Yine-Shen Magdalene Yang,

Taipei, Taiwan

B.A. (National Taiwan University)

*Field of Specialization:* Sociology

Martha Jean McVay Yerian, London

A.B. (Duke University)

*Field of Specialization:* Education

Shui-yuen Yim, Cheung, Hong Kong

B.A. (Chinese University of

Hong Kong)

*Field of Specialization:* History

Christine Bloom Young, Columbus

B.A. (Miami University)

*Field of Specialization:* Psychology

Peter Joseph Zeyen, Westerville

B.S.Ed.

*Field of Specialization:* Education

## Master of Business Administration

Forty-six candidates

Julius Dalton Albersom,

San Antonio, Tex.

B.A. (Saint Mary's University of

San Antonio, Texas)

*Field of Specialization:* Business  
Administration

Randall Glenn Applegate, Columbus

B.S.Bus.Adm.

*Field of Specialization:* Business  
Administration

James Patrick Bandy, Youngstown

B.S.Bus.Adm.

*Field of Specialization:* Business  
Administration

Mark James Bater, Columbus

B.B.A. (Cleveland State University)

*Field of Specialization:* Business  
Administration

Jon William Bennett, Rochester, N. Y.

B.I.E.

*Field of Specialization:* Business  
Administration

David Dade Braunagel,

Tallahassee, Fla.

B.S. (Florida State University)

*Field of Specialization:* Business  
Administration

James Craig Brown, Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Business Administration

Winthrop Lawrence Buck, Columbus  
B.A. (Bethany College)  
*Field of Specialization:* Business Administration

Robert Uriel Cheuvront, Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Business Administration

Richard Paul Colvin, Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Business Administration

Robert Crabb, Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Business Administration

Robert William Culbertson, Jr., Dayton  
B.A.A.E.  
*Field of Specialization:* Business Administration

John Robert Dukes, Findlay  
B.E.E., B.S.Phys.  
*Field of Specialization:* Business Administration

William Anthony Earl, Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Business Administration

M'hamed Ali El-Ati, Rades, Tunisia  
Lic. (University of Lausanne, Switzerland)  
*Field of Specialization:* Business Administration

Gary Alan Fate, Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Business Administration

Marilyn Yueh-Chin Fu, Taipei, Taiwan  
B.A. (Newton College)  
*Field of Specialization:* Business Administration

Ricardo J. Gomez, Apple Creek  
B.S. (Louisiana State University)  
*Field of Specialization:* Business Administration

James Herschel Hansen, Newark  
B.S.Met.Engr. (Purdue University)  
*Field of Specialization:* Business Administration

James Willard Helms, Grove City  
B.B.A. (Franklin University)  
*Field of Specialization:* Business Administration

John David Huber, Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Business Administration

Robert John Jacques, Columbus  
B.A. (Ohio Wesleyan University);  
M.A. (George Washington University)  
*Field of Specialization:* Business Administration

William Ross James, Columbus  
B.E.E. (University of Dayton)  
*Field of Specialization:* Business Administration

Allan Richard Kerze, Marietta  
B.A. (Marietta College)  
*Field of Specialization:* Business Administration

Albert William Landeck, Columbus  
B.S. (University of Illinois)  
*Field of Specialization:* Business Administration

Michael D. Lavelle, Cleveland Heights  
B.Bus.Adm. (University of Notre Dame)  
*Field of Specialization:* Business Administration

Frank Edward Lux, Columbus  
B.S.M.E.  
*Field of Specialization:* Business Administration

Raymond Neil Maddox, Columbus  
B.A.  
*Field of Specialization:* Business Administration

Alan Richard Malkoff, New York, N. Y.  
B.S.Ind.Mgt. (Georgia Institute of Technology)  
*Field of Specialization:* Business Administration

Richard Leroy Metz, Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Business Administration

James Eugene Meyer, Springfield  
B.A. (Wittenberg University)  
*Field of Specialization:* Business Administration

Roger Gene Parrot, Wilmot  
B.S.  
*Field of Specialization:* Business Administration

Darilee Heston Piner, Columbus  
B.A.  
*Field of Specialization:* Business Administration

Gene Paul Reiness, North Versailles, Pa.  
B.S. (Syracuse University)  
*Field of Specialization:* Business Administration

John Alister Russell, Dayton  
B.S.Bus.Adm.  
*Field of Specialization:* Business Administration

Dale Robert Saylor, Youngstown  
B.A. (Bowling Green State University)  
*Field of Specialization:* Business Administration

James Allan Scherocman, Columbus  
B.C.E., M.S.  
*Field of Specialization:* Business Administration

Terry Alfred Scott, Westlake  
B.S. (Business) (Miami University)  
*Field of Specialization:* Business Administration

Russell Evret Simmonds, Cleves  
B.S.Agr.  
*Field of Specialization:* Business Administration

James Emerson Smith, Lancaster  
M.E. (University of Cincinnati)  
*Field of Specialization:* Business Administration

Frederick William Stimler, Cuyahoga Falls  
B.S. in B.A. (John Carroll University)  
*Field of Specialization:* Business Administration

Albert Superczynski, Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Business Administration

Pete Triantafillides, Cleveland  
B.S.Bus.Adm.  
*Field of Specialization:* Business Administration

David Charles Wetmore, Canton  
B.Bus.Adm. (University of Notre Dame)  
*Field of Specialization:* Business Administration

Gary Lee Wilhelm, Glenn Ellyn, Ill.  
B.S.Bus.Adm.  
*Field of Specialization*: Business Administration

Paul Harvey Zinszer, Columbus  
B.S.C.E., M.C.P.  
*Field of Specialization*: Business Administration

### Master of City Planning

Five candidates

Veena Bhatia, New Delhi, India  
B.Tech. (Indian Institute of Technology)  
*Field of Specialization*: City and Regional Planning

Robert George Decker, Columbus  
B.S. (Antioch College)  
*Field of Specialization*: City and Regional Planning

Eugenie LaPlante Fellows, Galena  
B.S.Soc.Wel.  
*Field of Specialization*: City and Regional Planning

Duncan Bertrand Sutherland, Jr., Poland  
B.S.  
*Field of Specialization*: City and Regional Planning

Okon William Udo, Institute, W. Va.  
B.A. (West Virginia State College)  
*Field of Specialization*: City and Regional Planning

### Master of Fine Arts

One candidate

Bronwynn Rieppel Hapton, Worthington  
B.S.Ed.  
*Field of Specialization*: Theatre

### Master of Music

One candidate

Michael Norbert Moore, Columbus  
B.Mus.  
*Field of Specialization*: Music

### Master of Public Administration

One candidate

David Coleman Peebles, Jr., Cleveland  
B.A. (Loyola University); M.C.P.  
*Field of Specialization*: Public Administration

### Master of Science

One hundred and sixty-three candidates

Karen Miller Ahijevych, Columbus  
B.S.Nurs.  
*Field of Specialization*: Nursing

Jon Bruce Bader, Westlake  
*Field of Specialization*: Aeronautical and Astronautical Engineering

Judith McLaughlin Bates, Mount Prospect Ill.  
B.A. (Berea College)  
*Field of Specialization*: Pathology

James Lewis Beug, Waukegan, Ill.  
B.A. (Northwestern University)  
*Field of Specialization*: Computer and Information Science

Karen Pauline Boerger, Marysville  
B.S. (Michigan State University)  
*Field of Specialization*: Genetics

Philip Eugene Borgo, Phoenix, Ariz.  
C.E. (University of Cincinnati)  
*Field of Specialization*: Geodetic Science

James Emerson Bowser, New Lebanon  
B.S. Food Tech.  
*Field of Specialization*: Horticulture

Eleanor Louise Brown, Reynoldsburg  
B.S.Nurs.  
*Field of Specialization*: Nursing

Timothy Neil Browning, Columbus  
*Field of Specialization*: Electrical Engineering

William Clayton Bruce, Jr., Columbus  
B.S. (University of Wyoming)  
*Field of Specialization*: Mechanical Engineering

Gregory John Brzytwa, Wickliffe  
B.C.E. (Cleveland State University)  
*Field of Specialization*: Civil Engineering

Judith Higby Budd, Chillicothe  
B.A. (Miami University)  
*Field of Specialization*: Botany

Larry Wilson Burggraf, Cardington  
A.B. (Olivet Nazarene College)  
*Field of Specialization*: Chemistry

Lora Schmidt Cahill, Columbus  
B.S. (Capital University)  
*Field of Specialization*: Pathology

Steven How Calmer, North Olmsted  
B.S.  
*Field of Specialization*: Mineralogy

Kuang-I Chang, Tao-Yuan, Taiwan  
B.S. (Chung Yuan Christian College of Science and Engineering, Taiwan)  
*Field of Specialization*: Mathematics

Thomas David Charles, New Lexington  
B.S.Agr.  
*Field of Specialization*: Agricultural Economics and Rural Sociology

Chin-Heng Chen, Tsoying, Taiwan  
B.S. (Chinese Naval Academy); B.S.E. (Taiwan Cheng Kung University)  
*Field of Specialization*: Mechanical Engineering

In-Sheng Cheng, Taipei, Taiwan  
B.S. (National Taiwan University)  
*Field of Specialization*: Electrical Engineering

Edward Ming-dean Chu, North Point, Hong Kong  
B.S.E.E. (Ohio University)  
*Field of Specialization*: Electrical Engineering

James Stephen Clark, Columbus  
*Field of Specialization*: Welding Engineering

Margaret Harbaugh Coon, Columbus  
B.S.Agr.  
*Field of Specialization*: Horticulture

Charlotte Cordial, Delaware  
B.S.Nurs.  
*Field of Specialization*: Nursing

Violeta Odete de Oliveira Costa, Belem, Brazil  
Bacharel (Universidade Rural do Estado de Minas Gerais, Brazil)  
*Field of Specialization*: Home Economics

<sup>1</sup> Also Bachelor of Aeronautical and Astronautical Engineering, College of Engineering  
<sup>2</sup> Also Bachelor of Electrical Engineering, College of Engineering  
<sup>3</sup> Also Bachelor of Welding Engineering, College of Engineering



Herbert Michael Cox, Columbus  
B.A.  
*Field of Specialization: Mineralogy*

Fred Allen Custer, Parma  
B.M.E. (Cleveland State University)  
*Field of Specialization: Mechanical Engineering*

Flora B. Davies, Columbus  
B.S.Ed. (Bowling Green State University)  
*Field of Specialization: Home Economics*

Robert Neal Deem, Columbus  
B.S. (University of Illinois)  
*Field of Specialization: Industrial Engineering*

Charlotte Kempton DeGreen, Columbus  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: Home Economics*

Joel Ronald DeLuca, Fairborn  
B.S. (Bowling Green State University)  
*Field of Specialization: Physics*

Julius Robert DesCamps, Columbus  
B.S. (Stetson University)  
*Field of Specialization: Geology*

Michael Albert Dirr, Cincinnati  
B.S.Agr.  
*Field of Specialization: Horticulture*

David Bruce Disbennett, Columbus  
B.S.  
*Field of Specialization: Zoology*

Michael Joseph Doherty, Fort Lee, N. J.  
B.S., D.V.M. (Michigan State University)  
*Field of Specialization: Veterinary Medicine*

Mary Rohovsky Donahue, Westerville  
B.S.Nurs.  
*Field of Specialization: Nursing*

Dale Allen Draudt, North Olmsted  
B.Ch.E.  
*Field of Specialization: Chemical Engineering*

Robert Anthony Drerup, Jr., Dayton  
B.E.E. (University of Dayton)  
*Field of Specialization: Electrical Engineering*

Michael John Drosjack, Johnstown, Pa.  
B.S. (Carnegie-Mellon University)  
*Field of Specialization: Mechanical Engineering*

Sahibsingh Amulsingh Dudani, Bombay, India  
B.Tech. (Indian Institute of Technology)  
*Field of Specialization: Electrical Engineering*

Glenn Welden Dunkelberger, Jr., Kutatown, Pa.  
B.S.C.E.  
*Field of Specialization: Civil Engineering*

William Randall Edwards, Worthington  
B.M.E.  
*Field of Specialization: Mechanical Engineering*

Inger-Johanne Ellingsen, Oslo, Norway  
Cand.Mag., Cand.Real. (University of Oslo)  
*Field of Specialization: Entomology*

Robert Church Evans, Mansfield  
B.A. (Dartmouth College)  
*Field of Specialization: Botany*

Joseph James Fair, New Philadelphia  
B.Ch.E.  
*Field of Specialization: Chemical Engineering*

Alec Burton Farley, Berbice, Guyana  
B.A. (Earlham College)  
*Field of Specialization: Physics*

Eugene Louis Ferretti, Lockport, Ill.  
B.A. (Lewis College)  
*Field of Specialization: Physics*

Vassiliki Filippakopoulou, Athens, Greece  
Dipl. (National Technical University, Greece)  
*Field of Specialization: Geodetic Science*

Herbert Henry Fisher, Worthington  
B.S.  
*Field of Specialization: Agronomy*

Clinton Myers Fitts, Fairborn  
A.B. (Rutgers-The State University)  
*Field of Specialization: Physics*

John Charles Foltz, Alexandria, Va.  
B.S.Agr.  
*Field of Specialization: Agricultural Education*

Demetrios E. Fragoulis, Columbus  
B.S. (University of Kentucky)  
*Field of Specialization: Electrical Engineering*

David Richard Fredericks, Worthington  
B.Met.E.  
*Field of Specialization: Metallurgical Engineering*

Tateo Fujishima, Machida, Japan  
B.S. (Keio University, Japan)  
*Field of Specialization: Electrical Engineering*

Theodore John Gahrykewicz, Jr., Latham, N. Y.  
B.S. (Alfred University)  
*Field of Specialization: Ceramic Engineering*

Haydee Sumagaysay Geduspan, Iloilo, Philippines  
B.S. (Central Philippine University)  
*Field of Specialization: Chemistry*

Steven Hirsh Goldberg, Wappingers Falls, N. Y.  
B.S. (Georgia Institute of Technology)  
*Field of Specialization: Computer and Information Science*

Robert John Gollan, Columbus  
B.S. (California State Polytechnic College)  
*Field of Specialization: Horticulture*

Robert Stephen Gorman, Wilmington A.B. (Wilmington College)  
*Field of Specialization: Natural Resources*

Margaret Ann Graham, Sandusky  
A.B. (Gettysburg College)  
*Field of Specialization: Computer and Information Science*

Charlet Sautter Grooms, Fredericktown  
B.S.Nurs.  
*Field of Specialization: Nursing*

Leon Oliver Harris, Kingston, Jamaica, W. I.  
B.S. (University of the West Indies)  
*Field of Specialization: Civil Engineering*

Albert Joseph Hart, Jr., Columbus  
B.S. (John Carroll University); M.D.  
*Field of Specialization: Obstetrics and Gynecology*

Michael George Hartman, Reading  
B.I.E.  
*Field of Specialization: Industrial Engineering*

Kenneth Michael Haight, Clinton  
B.S. (University of Akron)  
*Field of Specialization: Physics*

Edward Charles Hauswald, Hilliard  
B.S. (Baldwin-Wallace College)  
*Field of Specialization:* Chemical  
Engineering

Marjorie Hopkins Hay, Worthington  
B.S.Nurs.  
*Field of Specialization:* Nursing

Philip Lee Headington,  
West Mansfield  
B.A. (Ohio Northern University)  
*Field of Specialization:* Botany

Christy Ramos Hernandez,  
Pasay, Philippines  
B.Sc. (University of the  
Philippines); M.S.  
*Field of Specialization:* Civil  
Engineering

Kerry George Hertenstein, Cincinnati  
B.Ch.E.  
*Field of Specialization:* Chemical  
Engineering

Chiu-Chung Ho, Taipei, Taiwan  
B.S. (Cheng Kung University)  
*Field of Specialization:* Chemistry

James Herbert Hodges, Clever, Mo.  
B.S. in Agr. (University of Missouri)  
*Field of Specialization:* Animal  
Science

Clayton Edward Howerton,  
Knoxville, Tenn.  
B.S.  
*Field of Specialization:* Astronomy

Tienson Huang, Taipei, Taiwan  
B.Sc.Eng. (National Taiwan  
University)  
*Field of Specialization:* Electrical  
Engineering

Richard Franklin James, Columbus  
B.I.E.  
*Field of Specialization:* Industrial  
Engineering

John W. Jewett, Jr., Catonsville, Md.  
B.S. (Drexel Institute of Technology)  
*Field of Specialization:* Physics

Julianne Theresa Kasper,  
Des Moines, Ia.  
B.S.Med.Tech. (Creighton  
University)  
*Field of Specialization:* Pathology

Jane Ann Steinman Kaufman, Kenton  
B.S.Nurs.  
*Field of Specialization:* Nursing

William Kelly, Edmonton,  
Alta., Canada  
B.A. (University of Alberta)  
*Field of Specialization:* Mathematics

Maaz Sami Khayri, Amman, Jordan  
B.E. (American University, Lebanon)  
*Field of Specialization:* Civil  
Engineering

Sister Marcella Kiesel, Columbus  
B.S. (Niagara University)  
*Field of Specialization:* Nursing

Lawrence Reid Kimball, Columbus  
B.S.A.A.E.  
*Field of Specialization:* Mechanical  
Engineering

Michael William Kosakowski, Toledo  
B.Ch.E.  
*Field of Specialization:* Chemical  
Engineering

Jeffrey Louis Kosch, Bay Village  
*Field of Specialization:* Chemical  
Engineering

Margaret Hassey Kramer, Columbus  
B.S. in Home Ec. (College of Saint  
Mary of the Springs)  
*Field of Specialization:* Home  
Economics

James Oliver Kroll, Libertyville, Ill.  
B.A. (Illinois Wesleyan University)  
*Field of Specialization:* Chemistry

Wilson Ruy Mozzato Krukowski,  
Rio de Janeiro, Brazil  
Dipl. (Brazilian Military Institute  
of Engineering)  
*Field of Specialization:* Geodetic  
Science

Ying-Yen Kuo, Taipei, Taiwan  
B.S. (National Taiwan University)  
*Field of Specialization:* Mechanical  
Engineering

Daniel Henry Kussow, Joliet, Ill.  
B.S.M.E. (University of Wisconsin at  
Madison)  
*Field of Specialization:* Mechanical  
Engineering

Mary Bernadette Langevin,  
North Haven, Conn.  
A.B. (Colby College)  
*Field of Specialization:* Computer  
and Information Science

Timothy Louis Lauvray, Dresden  
B.S.M.E.  
*Field of Specialization:* Mechanical  
Engineering

John Michael Lee, Alhambra, Calif.  
B.A. (California State College at  
Los Angeles); B.S., O.D. (Los  
Angeles College of Optometry)  
*Field of Specialization:* Physiological  
Optics

Leo S. Leonhart, Youngstown  
B.S. (Youngstown State University)  
*Field of Specialization:* Natural  
Resources

Walter de Paula Lima,  
Sao Paulo, Brazil  
Eng.Agr. (Universidade de Sao  
Paulo)  
*Field of Specialization:* Agronomy

Anagene Hatten Loebick, Columbus  
B.S.Nurs.  
*Field of Specialization:* Nursing

Daniel Joseph Madden, Jr.,  
Gibbsboro, N. J.  
B.A. (La Salle College)  
*Field of Specialization:* Mathematics

Mohamed Ibrahim Mahmoud,  
Toronto, Ont., Canada  
B.Sc. (Cairo University, Egypt)  
*Field of Specialization:* Horticulture

Sandra Harstine Mallett, Etna  
B.S.Nurs.  
*Field of Specialization:* Nursing

Ronald Joseph Marhefka, Columbus  
B.S.E.E. (Ohio University)  
*Field of Specialization:* Electrical  
Engineering

Merrill Marsh, Torrington, Conn.  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Computer  
and Information Science

Robert Leslie Martin, Columbus  
B.S.E.E. (West Virginia University)  
*Field of Specialization:* Electrical  
Engineering

Robert Lawrence Martinet,  
Massillon  
*Field of Specialization:* Electrical  
Engineering

Marc-Antoine Mbaya,  
Lububashi, Congo  
Licencia (University of the Congo)  
*Field of Specialization:* Engineering  
Mechanics

Gerald McCalden, N.S.W., Australia  
B.A., B.Com. (University of Dublin,  
Ireland); B.A., Litt.B., M.A.  
(University of New England,  
Australia)  
*Field of Specialization:* Computer  
and Information Science

<sup>1</sup> Also Bachelor of Chemical Engineering,  
College of Engineering.  
<sup>2</sup> Also Bachelor of Electrical Engineering,  
College of Engineering.

- Gwendolyn Olympia McRae,  
Fayetteville, N. C.  
B.S. (Bennett College)  
*Field of Specialization*: Computer  
and Information Science
- \*Charles William Meredith, Beverly  
*Field of Specialization*: Electrical  
Engineering
- Thomas Edward Michel, Dayton  
B.E.E. (University of Dayton)  
*Field of Specialization*: Electrical  
Engineering
- David Russell Miller, Cleveland  
B.Ch.E.  
*Field of Specialization*: Chemical  
Engineering
- Prabhakar Misra, Dehra Dun, India  
B.Sc. (Agra University); B.E.  
(University of Roorkee)  
*Field of Specialization*: Geodetic  
Science
- Richard Dale Montrey,  
Florissant, Mo.  
B.S. in Agr., D.V.M. (University of  
Missouri)  
*Field of Specialization*: Veterinary  
Medicine
- Eugene Oden, Cleveland  
B.S. (Central State College)  
*Field of Specialization*: Computer  
and Information Science
- Joseph Philip Omaggio,  
Philadelphia, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization*: Physics
- †William Noel Patterson Columbus  
*Field of Specialization*: Mechanical  
Engineering
- James Henry Perry, Vickery  
B.S.Agr.  
*Field of Specialization*: Animal  
Science
- John Franklin Plummer, III,  
Easton, Pa.  
B.A. (Williams College)  
*Field of Specialization*: Chemistry
- Stephen Michael Pollick, Fremont  
B.A. (University of Toledo)  
*Field of Specialization*: Natural  
Resources
- Roger Walters Pond, London  
B.S.Agr.  
*Field of Specialization*: Natural  
Resources
- Guillermo Emilio Quinonez,  
Santa Tecla, El Salvador  
M.D. (Universidad de El Salvador)  
*Field of Specialization*: Pathology
- Albert Joseph Quirin, Jr., Aurora, Ill.  
B.S. (Northern Illinois University)  
*Field of Specialization*: Statistics
- \*Oren Lester Reinbolt, Tiffin  
*Field of Specialization*: Industrial  
Engineering
- James Francis Roff, Columbus  
B.Ch.E.  
*Field of Specialization*: Chemical  
Engineering
- Robert Eugene Rosensteel,  
Rock Hill, S. C.  
B.S. in Chem. Eng. (University of  
North Carolina at Raleigh)  
*Field of Specialization*: Chemical  
Engineering
- Michael Ralph Ross, Springboro  
B.S. (Miami University)  
*Field of Specialization*: Zoology
- James Michael Ruffing, Bellevue  
B.S. in E.E. (University of Florida)  
*Field of Specialization*: Electrical  
Engineering
- Linda Jean Saif, Wooster  
B.A. (College of Wooster)  
*Field of Specialization*: Microbiology
- Kathleen Dianne Schaum, Columbus  
B.S. (Indiana University of  
Pennsylvania)  
*Field of Specialization*: Allied  
Medicine
- Barbara Lee Schilling, Zanesville  
B.S.Nurs. (Western Reserve  
University)  
*Field of Specialization*: Nursing
- Cheryl Teaford Scott, Columbus  
S.B. (Simmons College)  
*Field of Specialization*: Nursing
- Roger Ervin Shamel, Acton, Mass.  
B.A. (Franklin and Marshall  
University)  
*Field of Specialization*: Chemistry
- Howard Neal Shapiro, Cleveland  
B.S.  
*Field of Specialization*: Mechanical  
Engineering
- Gerald Arthur Shifrin, Columbus  
B.S.  
*Field of Specialization*: Computer  
and Information Science
- Karen Diane Shulstad,  
Barnesville, Minn.  
B.S. (Gustavus Adolphus College)  
*Field of Specialization*: Nursing
- Thomas John Shuster, Youngstown  
B.S.  
*Field of Specialization*: Natural  
Resources
- Granville LeRoy Smyser,  
Prescott, Ia.  
B.S. (Iowa State University)  
*Field of Specialization*: Chemistry
- Paul Warren Springer,  
North Madison  
B.A. (Ohio Wesleyan University)  
*Field of Specialization*: Chemical  
Engineering
- Sargur N. Srihari, Bangalore, India  
B.S. (Bangalore University); B.E.  
(Indian Institute of Science)  
*Field of Specialization*: Computer  
and Information Science
- Norman Marvin Stanley,  
Fredericktown  
B.S.Agr.  
*Field of Specialization*: Agricultural  
Education
- Gloria Jeanne McKeag Steele,  
Reynoldsburg  
B.S. (Chatham College)  
*Field of Specialization*: Nursing
- Thomas Richard Stevens,  
Reynoldsburg  
B.A. (Otterbein College)  
*Field of Specialization*: Computer  
and Information Science
- John Joseph Stolfo, Cuyahoga Falls  
B.S. in Arts and Sci. (Kent State  
University)  
*Field of Specialization*: Chemistry
- John Andrew Strahle, Columbus  
B.S.  
*Field of Specialization*: Geodetic  
Science
- John Raymond Street, Monessen, Pa.  
B.S.Ed. (California State College,  
Pennsylvania)  
*Field of Specialization*: Agronomy
- Raymond Marshall Stroup, Warren  
A.B. (Youngstown State University)  
*Field of Specialization*: Natural  
Resources

\* Also Bachelor of Electrical Engineering,  
College of Engineering  
† Also Bachelor of Mechanical Engineering,  
College of Engineering  
‡ Also Bachelor of Industrial Engineering,  
College of Engineering

Peter Edwin Susey, Westerville  
B.A.A.E.  
*Field of Specialization: Mechanical Engineering*

Deborah Downs Swanson, Columbus  
B.S.  
*Field of Specialization: Computer and Information Science*

John Harvey Terry, Wilson, N. Y.  
A.B. (University of Pennsylvania)  
*Field of Specialization: Chemistry*

Carol Mae Thompson, Denver, Colo.  
A.B. (Loretto Heights College)  
*Field of Specialization: Computer and Information Science*

June Danner Thompson, Delaware  
B.S. (Case Western Reserve University)  
*Field of Specialization: Nursing*

Cho-Kei To,  
Happy Valley, Hong Kong  
B.S. (Wisconsin State University at Eau Claire)  
*Field of Specialization: Computer and Information Science*

Patrick Joseph Tracy, Cincinnati  
B.S. (University of Cincinnati)  
*Field of Specialization: Civil Engineering*

Maurice Maduakonam Ukadike,  
Somerset, N. J.  
B.Sc. (Rutgers, The State University)  
*Field of Specialization: Civil Engineering*

Sylvia Charlene Upp, Columbus  
B.S.Occ.Ther.  
*Field of Specialization: Allied Medicine*

James Lee Vance, Londonderry  
B.M.E.  
*Field of Specialization: Mechanical Engineering*

Marvin Edward Wachtman,  
Columbus  
B.S.Agr.  
*Field of Specialization: Agricultural Economics and Rural Sociology*

Terry L. Weaver, Columbus  
B.S. (Indiana University of Pennsylvania)  
*Field of Specialization: Microbiology*

Kenneth Joseph Wells,  
Uniontown, Pa.  
B.S. (Alderson Broaddus College)  
*Field of Specialization: Computer and Information Science*

Stephen Douglas Werk, Columbus  
B.S.Agr.  
*Field of Specialization: Animal Science*

Pelton Whiting Wheeler, Grove City  
D.D.S.  
*Field of Specialization: Dentistry*

Virginia Adelaide Wolf, Worthington  
B.S.Nurs. (Mary Manse College)  
*Field of Specialization: Nursing*

Tai Chung Wong, Staten Island, N. Y.  
B.S. (University of Washington)  
*Field of Specialization: Electrical Engineering*

David Harris Yates, Rochester, N. Y.  
B.S. (University of Dayton)  
*Field of Specialization: Chemistry*

\*Alban Ock-Bong Yee,  
New York, N. Y.  
*Field of Specialization: Electrical Engineering*

\*Ping Kwan Yee, Columbus  
*Field of Specialization: Electrical Engineering*

Robert Yung-Yen Yeh,  
Fairport Harbor  
B.S. (National Taiwan University);  
M.S. (South Dakota State University)  
*Field of Specialization: Computer and Information Science*

## **Master of Social Work**

One candidate

Shirley Lisman Yuscavage,  
Columbus  
A.B. (Wilkes College)  
*Field of Specialization: Social Work*

\* Also Bachelor of Electrical Engineering,  
College of Engineering

Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Geoffrey Keller  
Vice Provost for the Arts and Sciences: Robert G. Arns

The Colleges of the Arts and Sciences, a federation of five colleges, includes:

College of The Arts

Dean: Lee Rigsby

College of Biological Sciences

Dean: Richard Bohning

College of Humanities

Dean: Arthur E. Adams

College of Mathematics and

Physical Sciences

Dean: Geoffrey Keller

College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

Joy Anne Merritt, Mt. Sterling  
Janice Marie Meyer, Leipsic  
Martha Fletcher Mihaly, Cincinnati  
Leslie Diane Norman, Columbus  
Elaine Marie Probala, North Royalton  
Kathryn Kelly Rutherford, Columbus  
Andrew Steven Turocy, III, Ravenna  
Lois Kay VanFossen, Columbus

Bachelor of Music

Six candidates

Susan Elizabeth Burghardt, Hudson  
Nellie Margaret Davis, Columbus  
Carl Albert Haefeli, Columbus  
Diana Belt Lust, Columbus  
Robert Irvin Moreen, Jr., Columbus  
June Marie Speak, Columbus

John William Brushwood, Coshocton  
Donna Rippel Burkhardt, Columbus  
Gary Patrick Dimenna, Columbus  
Cliff Wayne Friend, Hicksville  
Peter Nicolo Fuizzotti, Parma Heights  
Erica Lynn Gardner, Windsor, Ont., Canada  
Ronald Stanley Gibas, Neffs  
Richard Franklin Gorbach, Vermilion  
Richard Arthur Helms, Centerville  
Donald Lee Hiser, Westerville  
Ronald Virgil Hoffman, Columbus Grove  
Charles Eugene Houck, Fairborn  
Terry Robert Johnson, North Canton  
Mark Olen Kaplan, New York, N. Y.  
John Paul King, Goshen, Conn.  
Allen James Lamb, Rocky River  
Gerald Wayne Lattavo, Columbus  
Robert Merrill Loyd, Mt. Vernon  
Terry Russell McGuire, Chippewa Lake  
Eleanor Jane Meibuhr, Mentor  
Neil Eugene Miller, Lexington  
Michael Peter Orlando, Lorain  
Maitland Woodbury Place, Kettering  
David Lawrence Ramey, Columbus  
Jack William Rupp, II, Westerville  
Robert Lester Scott, Columbus  
Lawrence John Shaffer, Columbus  
Charles David Webster, Gallipolis  
David Owen Willis, Cincinnati  
Ross Lindsay Worch, Columbus

College of The Arts

Dean: Lee Rigsby

Bachelor of Art Education and Bachelor of Music Education degree are offered jointly by the College of The Arts and the College of Education  
Candidates are listed on page 32

Bachelor of Arts

Three candidates

William Smith Hayes, Steubenville  
Shirley Bernier Koffroth, Dayton  
Elisabeth Ann Squeglia, Youngstown

College of Biological Sciences

Dean: Richard Bohning

College of Humanities

Dean: Arthur Adams

Bachelor of Fine Arts

Twenty-three candidates

Christian Charles Bell, Mt. Vernon  
Suzan Ollie Bird, Columbus  
Elizabeth Elick Brynildsen, Columbus  
Michael Eugene Dantz, Columbus  
Otho Shipley Eyster, Jr., Columbus  
Richard Bryant Hall, Dublin  
Andrea Harchar, Parma  
Margaret Lamson Hayes, Columbus  
Barbara Kay Jaffe, Dayton  
Joyce Elizabeth Kaufman, University Heights  
Edith Cathryn Loechler, Columbus  
Taylor Lutz, Perrysburg  
Penny Louise Mann, Columbus  
Judith Vahila Matthews, Columbus  
Charles Francis Meixner, Columbus

Bachelor of Arts

One candidate

Michael Joseph Riley, Chesapeake

Bachelor of Science

Thirty-five candidates

Marcia Sue Amster, Cleveland  
Adele Isaac Arar, Columbus  
Lewis Tucker Beman, Jr., Marietta  
Jerry Carl Berger, Crestline  
John Charles Bland, Hubbard

Bachelor of Arts

Seventy-nine candidates

Thomas Irvin Ball, Logan  
Donna Geane Barkhurst, Galion  
Harry Charles Baughman, Jr., Dover, Del.  
Nancy Smith Beckman, Westerville  
Jean Elizabeth Bennett, Lakewood  
Stephen Gerald Berman, Youngstown  
Audrey Marie Brodzinski, Warrensville Heights, B.S.Ed.  
Paula Shafer Butterfield, Columbus  
John Charles Camp, Canton

Janice Chiu Cheng, Brooklyn, N. Y.  
 Sandra Anne Christofferson,  
 Bay Village  
 Anita Goldman Cohen,  
 Cleveland Heights  
 William Houston Connally,  
 Lockbourne A.F.B.  
 Charles Terrence Cook, Portsmouth  
 Don Robert Coolman, Wadsworth  
 Katherine Anne Cramer,  
 Worthington  
 Norma Jean Crozier, Dresden  
 Katherine Slaughter Daniels,  
 Columbus  
 Jeffrey Lee Detwiler, Columbus  
 Danny Joseph Donofrio, Columbus  
 Michael Joseph Dory, London  
 Lawrence Robert Dow, Columbus  
 Jonathan Kent Ely, Dayton  
 Robert Douglas Fighter, Columbus  
 James Sawyer Ford, Norwalk  
 Richard Simon Garson, Akron  
 Linda Boyce Geroy, Columbus  
 William Arthur Grose, Norwalk  
 Lucy Oliphant Hadley,  
 Cleveland Heights  
 Steven Harrington Hanley, Columbus  
 Pamela Jean Hardy, Berea  
 Leonard Rancel Jones, Killbuck  
 Roger Dale Kafer, Bucyrus  
 Sherrie Fran Korman,  
 Mayfield Heights  
 Alice Mary Lehman, Scott  
 Jeffrey Alan Leimgruber,  
 Alpine, N. J.  
 Cynthia Maryann Lejsek, Ravenna  
 Barry Mark Levitin, Columbus  
 David Markham Litman,  
 Pittsburgh, Pa.  
 Gerard Steven Lobosco, Columbus  
 Gregory Donald Loose, Kettering  
 David William McConnell, Columbus  
 William Peter Melega, Cleveland  
 Phyllis Ella Millsap, Columbus  
 Judy Carol Moyer, Perkaspie, Pa.  
 James Richard Murphy, Newark  
 Robin Jane Myers, Ohio City  
 Bruce Alan Norton, Fremont  
 Monique Isabelle Planque,  
 Corte Corse, France  
 Donald Arthur Porter, Galloway  
 John Michael Reebel, Jr., Warren  
 David Edward Reifenberger,  
 Cincinnati  
 Mark Earl Russell, Medeira  
 Lawrence David Sadler, Elyria  
 Raymond Joseph Sanzo, Bucyrus  
 Daniel Francis Scheiber, Columbus  
 Rose Marie Schommer, Grove City  
 Anthony Joseph Scully, Crestline

Kathleen Louise Seitz, Worthington  
 Joan Carol Sherfel, Youngstown  
 Frank Marvin Singleton, Senecaville  
 David Hilliard Smith, Columbus  
 Eric Steven Solowitch,  
 Shaker Heights  
 Luann Elizabeth Steiner, Stow  
 Kathleen Swink, Harrisonburg, Va.  
 Joan Mowry Tatgenhorst, Columbus  
 Steven Donald Tischbein, Cincinnati  
 Irving I. Tosk, New York, N. Y.  
 Susan Forbes Valentine, Avon  
 Kathryn Patricia Vanderheiden,  
 Akron  
 Lois Haggerty Varnum,  
 Fanwood, N. J.  
 Patricia Mara Vienot,  
 San Francisco, Calif.  
 Anthony Francis Vinci, Westlake  
 Richard Edward Volker, Columbus  
 \*Herbert Wood Walker, Jr.,  
 Atlantic Beach, N. C.  
 Constance Jean Waring, Roanoke, Va.  
 David Charles Webb, Manlius, N. Y.  
 James Merritt Whitmer, Louisville  
 Michael Allen Young, Columbus

James Gregory Clark, Columbus  
 James Robert Fields, Ashville  
 Mark Steven Freshwater, Columbus  
 Edwin Herbert Grieses,  
 Oklahoma City, Okla.  
 Christine Roller Hall, Columbus  
 Susan Lozan King, Columbus  
 Kathryn Bailey Lewis, Columbus  
 Ronald Wayne Lowe, Dayton  
 Marvin Leon Merves, Lorain  
 Frederick Porter Molden, Columbus  
 James Monroe Pace, Columbus  
 David Rawson Phillips, Columbus  
 Brian Richard Porr, Columbus  
 Lolt David Proegler, Columbus  
 John William Rein, Milford  
 Alessandro Francesco Sacilotto,  
 Cleveland  
 Donald Jack Santapaola, Columbus  
 Lowell G. Staker, Hilliard  
 Luisa Vingenza Stefanelli, Columbus  
 Donald James Stolla, Parma  
 Robert Anthony Stratman, Columbus  
 Michael Allan Teetor, Marion  
 Gregory Harold Terry, Columbus  
 Richard Paul Thomas, Rossford  
 James Jeffrey Wemlinger, Columbus  
 Richard Lindsay Willmarth,  
 Geneva, N. Y.  
 Robert Loren Wolfe, Columbus

## College of Mathematics and Physical Sciences

Dean: Geoffrey Keller

### Bachelor of Arts

Three candidates

John Joseph Montgomery, Columbus  
 Michael Andrew Oliver, Columbus  
 Charles Francis Olson, Columbus

### Bachelor of Science

Twenty-nine candidates

Gary Sheldon Abel, Cleveland  
 Frank Douglas Braun, Cincinnati

## College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick.

### Bachelor of Arts

One hundred and twenty-five candidates

Albin Anthony Abram, Avon Lake  
 Stefan Mike Balij, Parma Heights  
 Bradley Dean Barash,  
 New Rochelle, N. Y.  
 Robert Anthony Baron,  
 Maple Heights  
 Jeffrey Patrick Bauer, Columbus  
 Mark Carl Bauer, Tallmadge  
 Eugene Martin Bellman, Lorain

\* Also Bachelor of Science in Education,  
 College of Education

Allan Richard Bloomfield,  
University Heights  
Mary Elizabeth Bodnar, Lakewood  
Robert Michael Bullinger, Fremont  
Michael Thomas Burin, Lakewood  
James Randall Cain, Mansfield  
James Raymond Carroll, Cincinnati  
Stephen Roy Casto, Columbus  
James Edward Chubak, Columbus  
Brenda Margaret Cloonan,  
South Euclid  
Brian Lee Coffey, Medina  
Gregory Earl Cook, Columbus  
Jack Lee Cook, Kettering  
Mark Philip Crumbaker, Beverly  
James Donald Davison,  
Martins Ferry  
Sean Rex Derrick, Columbus  
Charles Albert DeVendra, Columbus  
Bruce Joel Diamond, New York, N. Y.  
Michael William Donohue, Amanda  
Thomas Albert Driscoll, Warren  
Roger Edward Edens, Worthington  
David Allen Elliott, Worthington  
Robert Alfred Feiklowicz, Cleveland  
Michael David Feinberg,  
Roslyn, N. Y.  
Joyce Arline Fletcher, Worthington  
Waxsey Jackson Foreman, Toledo  
Darlene Barack Forte, Cleveland  
Allan Franklin Foster, Columbus  
Gerald Minoru Fujita, Norco, Calif.  
John Joseph Gallick, Columbus  
George Joseph Gans, Jr., Columbus  
Gregory Rex Garey, Norton  
Albert Lawrence Gassner, Solon  
John Dale Gibson, Cincinnati  
Barry Lester Ginnis, Beachwood  
Joyce Kelly Gordon, Alexandria  
Steven Eric Graham, Toledo  
Jean Crowley Grossman,  
Carmel, N. Y.  
Richard Harold Hange, Jr., Medina  
David Bruce Harris, Wadsworth  
Timothy Dwight Holder, Columbus  
Catherine Meadows Huber, Columbus  
Ronald Clay Hutchinson, Columbus  
Keith Roger Hyde, Columbus  
Elizabeth Ann Jameson, Lima  
Tamara House Juba, Columbus  
Jerry Donaldson Karlovec, Columbus  
Bruce Webster Kay, Columbus  
Steven Arnold Kelsey,  
Wilkes-Barre, Pa.  
George Lawrence Kentris, Fostoria  
Barbara Sue Klein, South Euclid  
Ralph Martin Klopp, Jr.,  
University Heights  
Sandra Wright Kopas, Mt. Vernon  
Gary Edward Kubina, Youngstown

Ernst Kubyan, Cleveland  
Pamela Weber Kynan, Cincinnati  
John Kelly Lear, Streetsboro  
Heidi Marie Leeman, Brewster  
Warren Prentice Loesch, Mentor  
Michal Wynn Mainwaring,  
Worthington  
Beth Wallace Marble,  
King of Prussia, Pa.  
Michele Ellen Marks, Akron  
Caroline Jane McCrackin, Mt. Vernon  
Gerald Earl McKibben, Jr., Celina  
Inus Ray Miller, Columbus  
Henry Anthony Musilli, Bellaire  
Gary Henry Noe, Columbus  
David Norman Null, Medina  
Bruce Lee Ogle, Newark  
Edward John Percy, Columbus  
Robert Allen Petti, Lyndhurst  
James Lowell Phillips, Columbus  
Cheryl Lynn Price, Beachwood  
David John Progar, Strabane, Pa.  
Larry Douglas Qualls, Dayton  
Myron Kay Quickel, Canton  
Daniel Lawrence Rech, Marion  
Philip Hugh Reed, Delaware  
John Gerhard Reiner, Columbus  
David Roger Replogle, Columbus  
Richard Roderick Ridgely,  
Springfield  
Isabella Louise Robson, Columbus  
Deborah Varner Row, Columbus  
Mark Hal Rubenstein, Bayside, N. Y.  
Raymond Sales, Canton  
Samuel Aaron Savage, Columbus  
Judy Joann Sayers, Columbus  
Nancy Gail Schechter, Cincinnati  
Richard Lee Schenker, Fairview Park  
Kenneth Bruce Schlaff, Syosset, N. Y.  
Gerald James Schueller, Parma  
Thomas Walker Scott, Worthington  
Douglas Winston Shaw, Coshocton  
Michael Francis Shearer, Columbus  
Raymond Berend Shearer, Columbus  
Steven Ben Shechter, Akron  
Ronald Paul Siebert, Chardon  
George Russell Smith, Cambridge  
Keith Albert Smith, Grove City  
Lenora Marie Smith, Columbus  
Richard Allen Smith, Stratford, Conn.  
Clarena Mae Snyder, Louisville  
Robert George Snyder, South Euclid  
Mary Frances Speer, Troy  
Edward Vance Springer, III,  
Columbus  
Stephen David Stierman, Canton  
William Allyn Strong, Fairview Park  
Barbara Jane Tape, Miamisburg  
Walter Edward Taylor, Huron

Nadine Cheryl Toms, Bellville  
James Timothy Traini, Columbus  
Steven Aron Trubow, Toledo  
John King VanGilder, Worthington  
Patricia Ann Vasser, Columbus  
Jane Ellen Warrenbrand,  
Brooklyn, N. Y.  
Cheryle Marchele Welty, Lima  
William James West, Columbus  
Virginia Leask Wettersten, Columbus  
Dennis Lee Wojtanowski, Willowick

## Bachelor of Science

Twenty-one candidates

Steven Paul Ames, Elmore  
Eddie K. H. Chin, Gahanna  
Carole Ann Clark, Steubenville  
Paula Michele Dunlap, Athens  
Ralph David Epstein,  
University Heights, B.S.Agr.  
James Henry Geiger, Minster  
Margaret Mary Hagerman, Dayton  
John Allen Hoovler, Mansfield  
Julius Edward James, Jr.,  
Washington, D. C.  
Jeanne McKelvey Kigerl, Bellaire  
Fred G. Kurz, Youngstown  
Brian Edward Kutza, Lorain  
Mary Louise Monaghan, Columbus  
Michael William O'Meara, Cleveland  
Mitchel Rapp, Eastmeadow, N. Y.  
James Russell Seiple, Bay Village  
Gilda Yvonne Sellers, Columbus  
Thomas William Toth, Euclid  
Richard Glenn Vargo, Cleveland  
Gail Iris Walton, Cleveland  
Thomas Evan Zahniser, Columbus

## School of Journalism

### Bachelor of Arts in Journalism

Nineteen candidates

Steven Anthony Abbott, Worthington  
Patricia Smith Afzal, Denver, Colo.  
David William Claypool, Zanesville  
Domenic Joseph Fatica, Willoughby  
Sandra Louise Fraley, Ontario  
Daniel Ernest Fuhrman, Lima  
Richard Emil Heffelfinger, Butler  
Steven Andrew Jay, Columbus  
Joseph Lawrence Arthur Kopec,  
Columbus  
William Martin Mertle,  
Garfield Heights  
William Andrew Payer, Columbus  
Anita Louise Pesec, Painesville  
Patricia June Raynes, Amherst  
Robert John Rhees, Sidney  
Lynne Ellen Rivkin,  
Jamaica, N. Y.  
George Dallas Robey, Jr., Gahanna  
Karl Eugene Schwab, Canfield  
William Scott Sirola, Painesville  
Gloria Jeanne Sneed, Toledo

### Bachelor of Science in Business Administration

One hundred and fifty-five candidates

Stephen Frederic Ade, Mansfield  
Vincent Anton Afzal, Cleveland  
John William Anderson,  
Kenosha, Wis.  
Raymond Vasile Androne, Berea  
Christopher Anthony, Mt. Vernon  
Thurman Fletcher Arnold, Marietta  
Victor Anthony Azzoto,  
Syracuse, N. Y.  
Robert Steven Balthaser, Columbus  
William Gilday Batterson,  
Richmond, Va.  
Joseph Charles Bentz, Coshocton  
Edward Dominic Biasella, Canton  
Roger John Billman, Fremont  
Roy Michael Binion, Ashville  
Thomas Jean Boneburg, Lakewood  
Thomas Keith Bowen, Garrettsville  
Joanne Rose Bratush, Painesville  
Robert Alan Braund, Wooster  
Gary Warren Burchfield, Gahanna  
Michael Lee Butz, Columbus  
Charles Francis Capwell,  
East Liverpool  
Ronald Carvalho, Vandalia  
John Thomas Coggins, Jr.,  
Woodside, N. Y.  
David Barry Cohen,  
University Heights  
Gary Arthur Cohen,  
University Heights  
Philip John Condo, Columbus  
Terrence Ross Conroy,  
Powassan, Ont., Canada  
Michael Joseph Conway, Columbus  
David Michael Cook, Shadyside  
Dennis Charles Cotsamire, Galion  
Donald Everett County, Elyria  
Hugh Gunder Creager,  
Santa Ana, Calif.  
Mark William Darling, Perrysville  
James Alan Davis, Middletown  
Richard Lester Dawley, Cincinnati  
Daniel William Demchuk, Cleveland  
Brent Lee DeMond, Dansville, Mich.  
Larry Alan Difloe, South Euclid  
Sion William Digman, Newark  
Thomas Edward Dole, Ironton  
Jack Douglas Dunagan, Columbus  
Kenneth Eugene Duncan, Columbus  
James Christopher Faehnle, Columbus  
Stuart William Fenton, South Euclid  
William Henry Fiely, Dayton  
John Richard Fisher, Columbus  
Anna Kathleen Foster, Winchester  
Douglas Alan Frederick, Carey  
James Lee Geddes, Grove City  
Michael Jay Gottesman, Cleveland  
William Ray Gaul, Grove City  
William Arthur Green, III,  
St. Louis, Mo.  
Arlette Betsy Grigst, Columbus  
James Alan Gritton, Steubenville  
Richard Paul Guenther, Wooster  
Daniel Stephen Haas, Navarre  
Robert M. Hance, III, Piqua  
John Langdon Harris, Jr.,  
Pepper Pike  
Patricia Laraine Heaton, Columbus  
Douglas Gordon Heitz, Columbus  
Robert Dewey Heslep, Troy  
Samuel Jay Hill, Columbus  
James Scott Hilt, Centerville  
Douglas David Holton, St. Louisville  
Robert Burkey Horn, Millersburg  
Richard Bruce Hoskins, Hudson  
Larry James Howell, Columbus  
David Ralph Jahn, Columbus  
Lance Kim Jansen, Cincinnati  
Patrick Henry Jayne, Chillicothe  
Gary Lee Johnson, Columbus  
Randall Eugene Johnson, Salesville  
Rikard Severin Johnson, Warren  
Stephen James Johnson, Gahanna  
Richard Wayne Kaylor, St. Marys  
Kevin Michael Keegan, Lakewood  
David Alan Kelly, Columbus  
Andrew John Kershaw, Mansfield  
Bruce Alan Krauss, Columbus  
Dale Michael Kruszynski, Brecksville  
James Ronald Kubicina, Warren  
Richard James Lampinen,  
Waukegan, Ill.  
Lawrence Charles Landreman,  
Columbus  
Delle Malkin Lange, Akron  
Thomas Robert LaPens, Columbus  
Robert Richard Larkin, Columbus  
Philip Wayne Lawrence,  
McConnelsville  
James Franklin Leonard,  
North Olmsted  
Thomas Edward Lorinez, Painesville  
Michael Allyn Losego, Cambridge  
Steve Noel Lowe, Columbus, B.S. Agr.  
Delmer Floyd Mace,  
Ravenswood, W. Va.  
Eric Lance Martin, Columbus  
Jeffrey William McCowin,  
Cuyahoga Falls  
Roger William McHenry, Branch Hill  
Larry Jay McVay, Westerville  
Bruce Lightle Mees, Frankfort  
Gary Lawrence Melock, Newbury  
Joseph James Miglore, Edison



## College of Agriculture and Home Economics

Dean: Roy M. Kottman

Anthony Joseph Montagno,  
Westerville  
Charles Lester Moorman, Springfield  
Joseph Michael Motil, Columbus  
B.S.Ed.  
Charles Louis Murphy, Cincinnati  
Charles Roger Myers,  
Charlotte, N. C.  
Nanci Ann Neale, Columbus  
George Russell Nelson, Canton  
Melvin Amos Niese, Ottawa  
Patrick Armstrong O'Connell, Dayton  
Lockwood Oliver, III, Bay Village  
Michael James O'Neal, Fairborn  
Penelope Felton O'Neil, Cleveland  
John Joseph Orzes, Akron  
John Thomas Patterson, Lima  
Gary Albert Peterman, Columbus  
Christos Petros Petropoulos,  
Columbus  
Philip Arthur Philbin, Perrysburg  
Thomas Allen Rader, Kettering  
Paul Francis Reddy, Olmsted Falls  
Arthur James Riffard, Inman, S. C.  
John Robert Ringer, Cambridge  
Jack Michael Rosenfield,  
Elmont, N. Y.  
Richard Arthur Ross, Eastlake  
Thomas Charles Savage, Columbus  
Walter Edward Schneider, Columbus  
Lance W. Schneier, Canton  
Kenneth Steven Shifrin,  
Cleveland Heights  
Phillip Harley Shrigley, Columbus  
David Leslie Shultz, Columbus  
David Erwin Skolnik, Cleveland  
Bruce Eugene Smith, Van Wert  
Thomas Douglas Smith, Lima  
Jeffrey Dail Snider, Cleveland  
John Raymond Starkey, Bedford  
Leroy Stokes, Columbus  
Scott David Stubblebine, Norwalk  
Ralph William Talmage,  
Rocky River  
John Michael Thompson, Canton  
Richard Stephen Toms, Marion  
William Everett Trevey, Springfield  
David Charles Tyson, Middletown  
Walter Genie VanCleave, Jr.,  
Columbus  
Albert Jan Vanderhorst, Columbus  
Robert David Van Sickle, Columbus  
Stephen Richard Varner, Poland  
Philip Leander Warnecke,  
Fort Jennings  
Raymond Edmund Werner, III,  
Cincinnati  
James Allen Whitcomb, Ashland  
Gail White, Fairfax, Va.  
James Calvin Whitmer, Columbus

Kenneth Thomas Wilden, Rocky River  
Mark Alfred Wlosowicz, Parma  
Frank Bernard Woeste, Maria Stein  
George Brian Woznak, Parma  
Gregory Alan Wright, Columbus  
Guy Allen Zavodny, Rocky River  
Paul Zwanger, Elizabeth, N. J.

### School of Social Work

#### Bachelor of Science in Social Welfare

Thirty-two candidates

Cheryl Anne Bareis, Rochester, N. Y.  
Francine Gayle Bartfield, Cincinnati  
Paula Kay Best, Columbus  
Margaret Mary Burke, Columbus  
Barbara Joyce Burns, Sunfield, Mich.  
Pamela Maxine Chew, Cortland, N. Y.  
Karen Leigh Dillon, Bolivar  
Dianne Elizabeth Dolezal,  
North Royalton  
Jonnie Kaye Edwards, Steubenville  
Gerald Mark Everly, Crestline  
Edward Michael Fliegel, Mansfield  
Deborah Fullilove, Evanston, Ill.  
Kenneth Joe Gossett, Hillsboro  
Fern Joyce Grunberger,  
University Heights  
Sue Ann Jones, Columbus  
Jill Klopfer, Cleveland  
Sylvia Brown Law, Columbus  
Donna Leslie Lohr, Columbus  
Deborah Lowrey, Mansfield  
Patricia Ann Lutz, Maumee  
Judith Paula Mandelkorn, Columbus  
Linda Jean Nasset, Toledo  
Linda Ann Plewacki, Parma  
Halle Dee Pryor, Lorain  
Jill Ann Reisinger, Lorain  
Judy Thaw Rowe, Marion  
Stephen Stuart Sigel, Cleveland  
Carol Ann Simon, Bowling Green  
Donna Jean Stamps, New Paris  
Sally Louise Storch, Columbus  
John George Welker, East Liverpool  
Judith Huston Willis, Columbus

#### Bachelor of Science in Agriculture

Sixty-two candidates

Donald LeRoy Albert, Jr., Middletown  
James Edward Allison, Columbus  
Philip Gerald Baideme,  
Westfield, N. Y.  
Mark Alan Basinger, Columbus Grove  
Richard Jackson Betts, Deshler  
Glen Richard Biddlestone, Poland  
Dale Edward Biery, Mt. Cory  
John David Bonagura, Clifton, N. J.  
Rohin Jeanne Doerner Bricker,  
Delaware  
Larry Michael Brubaker, Smithville  
Roy Lee Carmony, Wooster  
Richard Wayne Carter, Springfield  
James Michael Cornelius, Harrison  
Richard Edward Downey, Bay Village  
Robert Howard Dunn, Mineral Ridge  
Stephen Sedric Dye, Columbus  
John Milton Evans, New Carlisle  
Robert Lee Ferree, Dayton  
William Edwin Fling, Hillsboro  
William Carl Franz, Strongsville  
Robert Larry Gebhart, Germantown  
Lawrence Robert Goltz, Columbus  
Rebecca Elaine Gompf,  
Livingston, N. J.  
Stephen Robert Hackett, Apple Creek  
Dennis Edward Hayes,  
Cleveland Heights  
Raymond Edward Hiller, Jr., Ashland  
Douglas Walter Hindenlang,  
Hayesville  
David Walter Holmes, Winona  
Larry Kermit Howell, Columbus  
Mariana Douglas Hubbard,  
Wellsburg, W. Va.  
Leslie Clarence Judd, Hamilton  
Harold Theodore King, Lorain  
Pamela Kinskey, Washington, Pa.  
Karol Jane Kramer, Rocky River  
Daryl Levi Kraner, Marion  
William Ray Luther, Dayton  
Kenneth William Mastrocchio,  
New York, N. Y.  
Alvis Earl McGaha, Piqua  
Michael Victor Miller, Cloverdale  
Steven J. Miller, Greenville  
James Eldon Minor, Circleville  
Thomas Gregory Nickles,  
North Canton  
Edward Wilson Perry, Hinckley  
Raymond Alex Porter, Cambridge  
Michael Jerrold Rainey, Columbus  
Harold Gene Rowles, Bremen  
David William Shulko, Mansfield  
Gary Lee Siegwald, Columbus

Dalton Kent Snyder, Cardington  
 Mark Stauffer, Dayton  
 Loren Carey Steiner, Orrville  
 Kenneth Martin Unrue, Stow  
 John Albert Upp, Burbank  
 Bernard Vanderhorst, Columbus  
 Harry Russell Vernon, III, Conneaut  
 Frederick Charles Volker, Piqua  
 Thomas Frederick Walter, Lancaster  
 Timmy James Warner, Arcanum  
 Janet Joanne White, Akron  
 Charles Edward Winkle, Sardinia  
 John Joseph Wolfinger, Rushville  
 Harold Richard Wovries, Tipp City

#### **Bachelor of Science in Food Technology**

Two candidates

Henry William Rugala, Marion  
 Dennis Lee Weber, Rutland

Rita Lynn Mendenhall, Dayton  
 Nancy Kay Myers, Cleves  
 Debra Gardner Nevard,  
 Oklahoma City, Okla.  
 JoAnn Obert, Columbus  
 Marianne Randles Parker,  
 Worthington  
 Antoinette Della Flora Rea, Columbus  
 Linda Culver Rusnak, Kenton  
 Gaye Lee Shields, Clayton  
 Delores Kay Simpson, Cecil  
 Teresa Louise Smith, Westville  
 Judy Weitzel Snell, Tipp City  
 Susan Lynette Sommers,  
 San Antonio, Tex.  
 Pamela Kay Stark, Columbus  
 Alice Ann Steinen, Sunbury  
 Arlene Pamela Stoller,  
 Cleveland Heights  
 Leslie Lynn Vrana, Berea  
 Gloria Moore Walther, Columbus  
 Mary Katharine Williams,  
 Canal Winchester  
 Christina Jane Witsberger, Delaware

#### **School of Home Economics**

#### **Bachelor of Science in Home Economics**

Forty-three candidates

Suzanne Beckley Abbott, Tiffin  
 Nancy Louise Baldauf, Elyria  
 Joan Christine Brooks, Columbus  
 Brenda Arlene Cook, St. Paris  
 Janie Lee Cook, St. Marys  
 Barbara Jane Cooke, Columbus  
 Cynthia Kaye Drake, Carrollton  
 Mary Richards Duffy, New Lexington  
 Nancy Ellis, Wilmington  
 Suzanne Lynn Evans, Columbus  
 Sue Kimmel Grubb, Trotwood  
 MaryJo Elizabeth Hagen, Dayton  
 Janet Kay Harriman, Mansfield  
 Diana Lynn Hendryckx, Bloomdale  
 Janet Helen Henshaw, Wooster  
 Mary Ann Isler, Prospect  
 Joyce Ellen Jensen, Hanover, N. J.  
 Lois Ray Johnson, Cincinnati  
 Barbara Ann Keil, Mansfield  
 Janice Ellen Knasel, Anna  
 Janet Marie Kovach, Mentor  
 Linda Lee Loyer, Columbus  
 Jennifer Ruth Malcomb, Canton  
 Charlotte Ann McNemar,  
 Bellefontaine

#### **Bachelor of Science in Restaurant Management**

One candidate

Stephen Michael Tewanger,  
 Worthington

## College of Education

Dean: Luvern L. Cunningham

### Bachelor of Science in Education

Three hundred and forty-three candidates

Jon Christian Abeles,

Huntington Station, N. Y.

Mary Ellen Adamkosky, Columbus

James Edward Adams, Gahanna

Jeanne Kathleen Adlard, Dayton

Paulette Lea Allshouse, Findlay

Harry Lewis Aronhalt, Delaware

Sharon Ann Ashie, Medina

Marianne Bailey, Columbus

Ronald Lee Baker, Newark

Beverly Balliett, Galion

Carol Lee Balliett, Mansfield

Claudia Eve Balliett, Parma Heights

Elvalee Banks, Elyria

Jacklyn Lee Barnhart, Caldwell

Anita Bailey Bash, Columbus

Christine Marie Bauer,

Upper Sandusky

Dale Thomas Baughman, Columbus

Jacquelyn Lear Baughman, Columbus

Sandra Lee Bell, Columbus

Maxine Elizabeth Block, Hubbard

Bruce Paul Bogart, Columbus

Donald Albert Bolin, Gahanna

Beverly Marie Bond, Columbus

Beverly Anne Bouldin, Columbus

William Paul Bowe, Bradner

Sara Jane Bowler, Columbus

Forrest Glenn Brandt, Jr., Dayton

Barbara MacMullin Brown,

Bay Village

Opal Orr Brown, Worthington

Phyllis Ann Browning, Cincinnati

Kathleen Burk, Independence

James Fredrick Butcher, Middleport

Judith Dianne Butler, Cleveland

Albert Franklin Cameron, III,

Columbus

James Robert Camp, Hilliard

Linda Jo Campbell, Columbus

Dirk Mason Cantrell, Columbus

Linda McCance Carey, Columbus

Robert Marc Caris, Galion

Joyce Ann Carlson, Tallmadge

John Austin Carr, Hendricks, W. Va.

Janice Mazey Casher, Westport

Patricia Wood Cave, Columbus

Sharon Sue Clark, Johnstown

Joan Marie Cogan, Canton

Laura Jeanne Cohen, Akron

Stephen A. Conway, Columbus

William Russell Cottrel, Pemberton

Donald Edward Cox, Marion

Margaret Ruth Davis, Youngstown

Patricia Baker Decker, Marion

Janet Margaret Deverse, Columbus

Marilyn Markle Devine, Newark

Robert Louis DiBella, Columbus

Deborah Ferrell Dibert, Van Wert

Jerry Ronald Dill, Columbus

Leslie Darr Dillinger, Marion

Douglas Michael Dillon, Mansfield

Kathleen Maria Dilsaver, Marion

Judith Cornell Dingleline,

Wapakoneta

Cynthia Louise DiSanto, Parma

Dianne Louise Donkin, Shadyside

Beverly Jane Dorsey, Columbus

Charles Edsel Downing, Lima

Jane Elizabeth Draudt, Grove City

Sharon Kurz England, Columbus

Karen Elizabeth Evans, Columbus

Nonda Struewing Evans, Tipp City

Carol Sunderman Ewers, Columbus

Diane Reeder Ewing, Columbus

Lynn Woodley Faber, Toledo

Glenn Richard Fairbanks, Columbus

Cheryl Zwiebel Fark, Jackson Center

Joseph Edward Farrell, Mansfield

Paul Michael Ferrell, Marysville

Judith Morton Ferrone,

North Olmsted

Kathleen Margaret Finerty,

Astoria, N. Y.

Roselyn Elaine Finley, Mansfield

Frank Robert Fisher, Lima

Richard Wallace Foreman, Columbus

Barbara Anne Foss, Lancaster

Rebecca Rogers Fox, Derby

Susan Lynn Fritz, Columbus

Ida Hoppes Frock, Columbus

Nancy Barrett Fullerton, Westerville

James Lee Garner, Columbus

John Edward Geiger, Hebron

Thomas Jerome Geist, Delaware

Martin David Giffin, Wooster

Mary Schoenheit Gillean, Columbus

Dana Stephen Glass, Groveport

Patricia Campbell Glenn, Columbus

Janet Debrah Goldberg,

East Paterson, N. J.

Wendy Sue Goldfarb, Akron

Alan Dale Gordon, West Carrollton

Carol Johnson Gordon, Kettering

Sandra Gabrie Gould, Norton

Sonia Ann Grieves, Botkins

Michele Lynn Gross, Columbus

Kathy Lynn Hagan, Westerville

Karen Marie Hall, Cleveland

Allen Roger Hancock, Columbus

Sandra Kay Harbage,

South Charleston

Robert Marshall Harding, Dayton

Linda Taylor Harlan, Zanesville

Alice Catherine Harlow, Marion

Barbara Ann Hartman,

Rochester, N. Y.

Robert Ronald Hateley, Grove City

Dennis William Hawke, Medina

Ellen Wedvik Hazard, Columbus

Denasee Ann Heasley, Columbus

Ellen Edwards Hendrix, Columbus

Donald Allan Henrey, Van Wert

Bonnie Kaye Herman, Lexington

Jill Terry Herman, Mayfield Heights

Constance Howell Hermann, Poland

Charles William Hillyard,

Willoughby Hills

Neal Hirsch, Columbus

Constance Levy Horning,

Reynoldsburg

Sharon Lee Hostetler, Millersburg

Gerald Anthony Hoss, Columbus

Eric Herbert Innes, Toledo

Donna Jockisch Jackson, Brunswick

Lani Istnick Jacobson, Youngstown

Norma Louise Jenny, DeGraff

Judith Dean Jester, Delphos

James Bruce Jesty, Lakewood

Jean Lynette Johnson, Dayton

Kenneth Roger Johnson, Worthington

Roberta Stewart Johnson, Bellaire

Grace Louella Jones, Columbus

Ralph Fletcher Jones, Kirtland

Judith Diane Jungermann,

Fords, N. J.

Sharon Ina Kagan,

Chambersburg, Pa.

Marlene Donna Kapin,

Cranford, N. J.

Amy Carol Kaplan, Cleveland

Andrea Ricki Kay, Akron

Donna Anita Kelley, Columbus

James Edward Kelley, Columbus

Joseph John Kerata, Cleveland

James William Kerins,

Glen Ellyn, Ill.

Jennifer Wilson Kight, Columbus

Carolyn Lewis Kilbourn, Powell

Gerald Dean King, Columbus

Gregory Charlton King, Columbus

John Walter Kinsel, Columbus

Linda Crawford Kinsel, Columbus

John Robert Kirkpatrick,

Worthington

Marcia Goldberg Klein, Columbus

Karen Elaine Knight, Cincinnati

Eva Maria Kocsis, Columbus

Martin Fred Kohn,

University Heights

Charles David Krider, Columbus

Margaret Rathbun Kruebelbach,

Columbus

Robert Joseph Kurelic, Columbus

Cheryl Ann LaFong, Troy

Thomas Jan Lanich, Urbana  
 Laura Elizabeth Larson,  
     Clarendon Hills, Ill.  
 Howard Bernard Lavy, Jr.,  
     Zanesville  
 Monica Caroline Leimeister, Huron  
 Allen Roger Lemasters, Columbus  
 Robert Benford Lepley, Lancaster  
 Stephen Carroll Light, Kenton  
 Iris Ellen Linn, Cleveland  
 Jean Lueck Lloyd, Madison, Wis.  
 Michael Joseph Losinske, Columbus  
 Carl Edwin Lowe, Columbus  
 Dean Eldon Loy, Ansonia  
 Paula Anne Lubert, Shaker Heights  
 Robin Reinstein Lurie,  
     Brooklyn, N. Y.  
 Shirley Lee Luthman, Celina  
 Richard Lee Lyday, Grove City  
 Merle Elise Maeroff, Miami, Fla.  
 Kathleen Mae Malys, Youngstown  
 Carolyn Jean Manns, Dublin  
 Jay William Marinelli, London  
 Susan Jo Martin, Columbus  
 LaNora Lynn Mason, Greenfield  
 Barbara Blough Mast, Orrville  
 Anne Morrow Matthewson, Delaware  
 Lawrence Michael McCabe, Columbus  
 Valerie Jean McCabe, Franklin  
 Dean Carroll McCullough, Mt. Victory  
 Russell Dirk McDermott, Columbus  
 Gale Marzluf McLinn, Columbus  
 Kathryn Ann McMillan, Cleveland  
 Victoria Lynn McMillan, Columbus  
 Neill Irene Cosner Meckley,  
     Hamilton  
 Sally Frundt Menninga, Columbus  
 Craig William Mercer, Bay Village  
 Janet Klein Mercer,  
     University Heights  
 Elizabeth Ann Miller,  
     St. Petersburg, Fla.  
 Geoffrey Daniels Miller, Gallipolis  
 John Raymond Moens, Akron  
 Linda Gertrude Moosbrugger,  
     Westerville  
 Evelyn Claire Morison, Akron  
 Carl Edward Morosko, Jr.,  
     North Olmsted  
 Kathleen Deibert Morrison, Columbus  
 Marlene McKenzie Morrison,  
     Durham, N. C.  
 Lawrence August Moss, Parma  
 Joseph Henry Mottola, Mentor  
 Kathleen Walker Murph, Cincinnati  
 Gary Blair Musselman, Galion  
 Frederick Alexander Nagy, Columbus  
 Rebecca Wolfe Nelson, Coshocton  
 James Edward Nesbitt, Columbus  
 Nancy Christine Neumann, Galion  
 Carol Antonick Norris, Tucson, Ariz.  
 EleanorAnn Power Northrup,  
     Marion  
 Marilyn Jean Oakley, Columbus  
 Doris Elisabeth Oberlin, Massillon  
 Linda Wiseman Orriss, Granville  
 Vicki Hildyard O'Saben, Westerville  
 Patricia Ellen Pallay, Hudson  
 Robert Eric Parker,  
     Boulder City, Nev.  
 Candyce Pashkewich, Lorain  
 Constance Marie Pastorek, Rossford  
 Patricia Lapworth Pellerite,  
     Columbus  
 Roger Ellis Penrod,  
     Menomonee Falls, Wis.  
 Jane Burkett Perrin, Columbus  
 Michael Scott Peterson, Wilmington  
 Jane Margaret Pfau, Youngstown  
 Polly Gill Pfersick, Washington C. H.  
 Phyllis Marilyn Pigat, Bedford  
 Virginia Kay Pope, Kenton  
 John Hugh Pratt, Columbus  
 Linda Worthington Pugh, Lima  
 Jane Lee Purdy, St. Clairsville  
 Patricia Susan Quinn, Canton  
 Robert Anthony Rao,  
     Hackettstown, N. J.  
 Marianne Rapenport, Columbus  
 Ardith Claire Reed, Cincinnati  
 Phyllis Ann Reid, Brookfield, Ill.  
 Larry Edward Ridener, Cincinnati  
 Arlene Adams Rieger, Lexington  
 Miriam Miller Risser, Columbus  
 Maxine Ruth Stahl Ritter, Cortland  
 Sharon Pemberton Robinson,  
     Columbus  
 Shirley McKinney Roe, Columbus  
 Delores Valentine Rogols, Circleville  
 Mary Champ Roof, Lima  
 Melinda Laurel Ross, Lima  
 Ruby Ziesler Rowles, Gallipolis  
 Lynn Goubeaux Royer, Versailles  
 Jane Ellen Rupp, Pettitsville  
 Herbert Arthur Samuel, Columbus  
 Joanne Ruby Sarver, Whittier, Calif.  
     B.A. (California State College,  
     Los Angeles)  
 Lucimari Gem Savon, Bay Village  
 Stephen Eugene Saylor, Columbus  
 Dennis Robert Sazima, Brooklyn  
 Joan Marie Schaefer, Oberlin  
 Marilyn Ann Scheufler,  
     Willoughby Lake  
 Mary Lucille Scott, Canton  
 Terry Palter Sedley, Warrensville  
 Linda Aivalotis Seiferth,  
     East Liverpool  
 Bruno Salvatore Sestito, Jr.,  
     Columbus  
 Bruce Gordon Setloff, Oceanside, N. Y.  
 Geraldine Swisshelm Shane, Xenia  
 Bettie Fox Sherman, Mansfield  
 Nalene Katherine Shore, Columbus  
 Marian Saurborn Shultz, Columbus  
 Rosemary Earnest Sigado, Bucyrus  
 Carolyn Luce Sinclair, Chagrin Falls  
 Robert Alan Slack, Dayton  
 Sandra Carol Slomin,  
     Massapequa, N. Y.  
 Carl Timothy Smith, Logan  
 Lynne Pope Smith, Zanesville  
 Phronie Kitsmiller Smith, Columbus  
 Sharon Sue Smith, Columbus  
 Stephany Denise Smith, Cincinnati  
 Douglas Michael Snapp,  
     Columbus, B.A.  
 Sharon Myra Son, Columbus  
 William Lawrence Sowash,  
     Mansfield  
 William Winston Spencer, Jr.,  
     Columbus  
 David Douglas Stafford, Columbus  
 Joyce Ann Stahl, Mansfield  
 Judith Ross Stanek, Columbus  
 David Lawrence Stanley, Smithville  
 Dale Eugene Starr, Columbus  
 Barry Steven Stebbins,  
     West Alexandria  
 Brenda Joyce Steele, Columbus  
 Charles Ellis Steele, Reynoldsburg  
 Peggy Ann Stephens, Glenmont, B.A.  
 Kathleen Esther Stewart, Dayton  
 Jack Richard Stiers, Coshocton  
 Craig Alan Stine, Chagrin Falls  
 Relda Georgann Stone, Crestline  
 Mickie Dove Strausbaugh, Hebron  
 David Wynford Surrey,  
     Oswego, N. Y.  
 Jeanne Ann Sweeney, Columbus  
 Orest Jeremy Szwabinsky, Parma  
 Dianne Wood Tande, Brecksville  
 Bonnie Lee Teare, Columbus  
 Sandra Beth Tennebaum, Columbus  
 Eileen Louise Timmerman,  
     Burkettsville  
 Alan E. Toops, London  
 Richard Erick Torres,  
     Flushing, N. Y.  
 Jeffery Arnold Tracy, Columbus  
 Thomas Bodwell Trainer, Columbus  
 Sarah Schlencher Traul,  
     Chicago, Ill.  
 Cynthia Trush, Brunswick  
 Richard Cannon Turnbo, Columbus  
 Sandra Ora Turner, Marietta  
 Diane Khourie Turnipseede,  
     Columbus

## College of Engineering

Dean: Harold A. Bolz

### Bachelor of Aeronautical and Astronautical Engineering

One candidate

<sup>1</sup>John Bruce Bader, Westlake

### Bachelor of Science in Aeronautical and Astronautical Engineering

Ten candidates

Jeffrey Painter Beale, Dayton  
James Forrest Cross, Warren  
Thomas Bernard Curyto,  
Niagara Falls, N. Y.  
James William Henneberger,  
Hamilton  
Raul Alberto Martinez, Miami, Fla.  
James William Morgan,  
Pensacola, Fla.  
John Edward Moro, Lorain  
John David Phillips, Bedford  
Gene Timothy Tagliaferri, Wickliffe  
Lewis Ellis Withrow, Covington, Va.

### Bachelor of Science in Agricultural Engineering

Five candidates

Jan Douglas Austermiller,  
Green Springs  
Richard Thomas Boyer, Dayton  
Michael Lee Cramer, West Mansfield  
Harold Lester Klacge, Martin  
Thomas Harry Sorg, Glenford

### Bachelor of Science in Ceramic Engineering

One candidate

Daniel James Belton, Granville

### Bachelor of Chemical Engineering

Five candidates

James Raymond Glendon,  
Cuyahoga Falls  
Eric Anderson Grulke, Berea

\* Also Bachelor of Arts,  
Colleges of the Arts and Sciences  
<sup>1</sup> Also Master of Science, Graduate School

### Bachelor of Art Education Offered jointly by the College of The Arts and the College of Education

Six candidates

Gwenn Walters Doan, Columbus  
Patricia Bradley Heath, Columbus  
Leslie Jacobs Kippen, Bayside, N. Y.  
Cynthia Palmer O'Hara, Columbus  
Barbara Jean Wince Palmer, Euclid  
Bonnie Schenk VanArsdall, Cincinnati

### Bachelor of Music Education Offered jointly by the College of The Arts and the College of Education

Sixteen candidates

Regis Alan Bookshar, Cleveland  
Laura Ann Connell, Kettering  
Stanislaw Dmitrenko, North Olmsted  
Cheryl Lynn Haines, Kettering  
Ronald Edwin Kurzen, Dalton  
Judith Earlene Markel, Delaware  
Christopher Paul Miller, Marion  
Constance Barrett Nicholson,  
Mt. Sterling  
Paul Donald Quint, Ottawa  
Janet Helen Robbins, Columbus  
Mary Virginia Schilt,  
Cuyahoga Falls, B.Mus.  
Jeffrey Lynn Shipman, Columbus  
John Jacob Shrader, Jeromesville  
David Robert Swindler, Wilmington  
Charles Thomas Warthen, Newark  
Susan Jane Ziemke, Sandusky

Michael Tuttle, Cleveland  
Bonnie Garver Ulsh, Caledonia  
Paula Jean Van Fossen, Strasburg  
Dale Michael Van Lerberghe,  
Wakeman  
Ann Elizabeth Ventling, Columbus  
Donald Arthur Vogel, Columbus  
Karen Miller Vornholt,  
New Knoxville  
Jacqueline Mary Vossler, St. Marys  
Alyce Whittaker Walden, Mansfield  
\*Herbert Wood Walker, Jr., Columbus  
Sandra Mae Walker, Cardington  
Frank Michael Walko, Wellington  
Madelyn Ruth Waller,  
University Heights  
Jacqueline Dove Walters, Lima  
Barbara Ann Walz, Columbus  
Joanne Carmel Weaver, Shelby  
Charles Cary Weber, Columbus  
Karen Williams Weber, Bartow, Fla.  
Jean LeVan Wedding, Raymond  
Sylvia Yearick Weed, Columbus  
Dennis Howard Weisenberg,  
Cleveland  
Brian Erwin Weisman, Elyria  
Renee Karner Weiss,  
Cleveland Heights  
Judy Beth Weitznier,  
Valley Stream, N. Y.  
Rebecca Jo Wenner, Bucyrus  
Michael Francis Westrick, Ney  
Mary Joanne Weymouth,  
Bellefontaine  
Richard Glenn White, Columbus  
David Jay Wilderman,  
Albuquerque, N. Mex.  
Douglas Gregory Williams,  
Miami, Fla.  
Tirza Ruth Winer, Oceanside, N. Y.  
Alice Patrie Wing, Marshfield, Wis.  
B.A. (University of Dubuque)  
Julie Studebaker Woodard,  
New Carlisle  
Brenda Lynn Woodruff, Columbus  
Pamela Denise Woodrum, Columbus  
Danny Edwin Young, Columbus  
Cornelia Margerete Zeidner,  
Hinckley  
Sharon June Zimmerman,  
Rochester, N. Y.  
Patricia Travis Zylstra,  
Reynoldsburg

William Arthur Hodge, Jr.,  
Martins Ferry  
Donald Thomas Kiefer,  
St. Albans, W. Va.  
\*Jeffrey Louis Kosch, Bay Village

#### **Bachelor of Science in Chemical Engineering**

Two candidates

Robert Marion Loar, Metamora  
Armen Tergevorkian, Tehran, Iran

#### **Civil Engineer**

One candidate

Brewster Dean Martin, St. Clairsville  
B.S. (Ohio University)

#### **Bachelor of Science in Civil Engineering**

Fifteen candidates

Anthony Jay Collier, West Chester  
Thomas Michael Evans, Columbus  
Timothy James Gooding, Mentor  
Frank David Hardy, Cincinnati  
Oner Mustafa Kurucu, Marion  
George Louis Lignos, Parma  
Larry Allan Londot, Mansfield  
Douglas James Luke,  
Broadview Heights  
Thomas Coy Lunt, Put-in-Bay  
Terry Lester McClain, Lorain  
John Andrew Montell, II, Grove City  
David Eugene Ridenour, Columbus  
Judson Edward Stailey, Dublin  
William James Stuart,  
Chatham, Ont., Canada  
Larry Joseph Zitzke, Columbus

#### **Bachelor of Science in Computer and Information Science**

Eleven candidates

Thomas Malcolm Barnes, Columbus  
Douglas Lee Blair, Columbus  
David Robert Crebs, West Salem  
Richard Stuart Gray,  
Munich, Germany  
Edwin Carl Harrow, Columbus

Ray Michael Montoro, III, Columbus  
Randolph Morse, Cincinnati  
Thomas Francis O'Masta,  
Youngstown  
Mark Theodore Pachuta, Cleveland  
Greg John Sandrew, Lorain  
Roger Lynn Zaebst, Andover

#### **Electrical Engineer**

One candidate

Kim Hing Lee,  
Seramat, Johore, Malaysia  
B.S. (Ngee Ann College)

#### **Bachelor of Electrical Engineering**

Eight candidates

\*Timothy Neil Browning, Columbus  
Alan Robert Cory, Columbus  
\*Robert Lawrence Martinet,  
Massillon  
\*Charles William Meredith, Beverly  
John Robert Poss.  
Colorado Springs, Colo.  
Steven John Struharik, Norton  
\*Alban Ock-Bong Yee,  
New York, N. Y.  
\*Ping Kwan Yee, Columbus

#### **Bachelor of Science in Electrical Engineering**

Thirty-one candidates

Raymond Bruce Alcott, Canfield  
Paul Richard Bishop, Bucyrus  
Philip Wilson Black, Columbus  
Robert Lee Cook, Columbus  
Arthur Eugene Craft, Lima  
James Floyd Fate, Columbus  
David William Hornbeck, Barberton  
Robert Timothy Kemerley,  
Wilmington  
Wai Lee Ko, Dayton  
Allan Deane Kopp, Ashland  
Ron E. Landthorn, Columbus  
Buil Wing Lee, Columbus  
Keen Lee, Akron  
Richard Harvey Mendelsohn,  
Cleveland  
Michael Jerome Mess, Columbus  
Thomas Allen Miller, Lima

Carl Allan Morahan, Mansfield  
James Bruce Nolish,  
University Heights  
David Allen Powell, Carey  
John Earl Price, Bowerston  
Stephen Louis Prine, Harrod  
Edward Morris Robbins, Jr.,  
Brandywine, Md.  
John Richard Samborsky,  
Pickerington  
Thomas Earl Schart, Bellevue  
Patrick David Sullivan, Columbus  
Norman Leigh Vesely, Columbus  
Rollin Keene Wilson,  
Charleston, W. Va.  
Charles Speed Wood, Jr.,  
Shaker Heights  
William Erwin Wrinkle, Jr., Galion  
Bahman Yamin-Afshar, Tehran, Iran  
Richard George Zitzmann, Columbus

#### **Bachelor of Industrial Engineering**

Two candidates

Douglas Joseph Meszaros, Columbus  
\*Oren Lester Reinbolt, Tiffin

#### **Bachelor of Science in Industrial Engineering**

Ten candidates

James Francis Brady, Scott  
Michael Scott Chambers, Navarre  
Robert Donald Clegg, Pickerington  
Jacob Merle Eshler, Jr., Canfield  
David Lee Hannahs, Circleville  
Steven Jeffrey Podhurst,  
New York, N. Y.  
James Donald Reily, Jr., Yardley, Pa.  
Larry Robert Wiggins,  
New Philadelphia  
Harold Phillip Williams, Shelby  
Douglas Lowell Witwer, Dayton

#### **Bachelor of Mechanical Engineering**

Two candidates

Arthur Allen Goldstein,  
University Heights  
\*William Noel Patterson, Columbus  
\* Also Master of Science, Graduate School

**Bachelor of Science in  
Mechanical Engineering**

Eighteen candidates

Robert Jeffery Bux, Wadsworth  
James Hubert Calvelage, Delphos  
Kenneth Kin-Pan Cheng,  
Kowloon, Hong Kong  
Guy Steven Edington, Troy  
Samuel Toshimi Fujii, Columbus  
Edward Francis Hart, Lancaster  
Alfred Tze-Wai Hsu, Somerset, N. J.  
Clifford Alan Keck, Berea  
David Forest Kelley, Columbus  
Dale Felix Kremer, New Bremen  
Timothy James Ledvina, Parma  
Harold Raymond Lowman, Dayton  
Garry Wayne Prater, Pickerington  
Gene Paul Shumaker, Galion  
Clinton Lee Syverson, Alliance  
Ohannes Hagob Tchobanian,  
Columbus  
John Lawrence Ucker, Columbus  
Clyde Everett Wilcox, Jr., Chillicothe

**Bachelor of Metallurgical Engineering**

One candidate

John George Molnar, Warren

**Bachelor of Science in  
Engineering Physics**

Two candidates

Thomas Edgar Mayfield, Columbus  
William James Smith, Akron

**Bachelor of Welding Engineering**

One candidate

\*James Stephen Clark, Columbus

**School of Architecture**

**Bachelor of Architecture**

One candidate

David Lawrence Betz, Columbus

\* Also Master of Science, Graduate School

**Bachelor of Science in Architecture**

Three candidates

Dennis James Anderson, Celina  
Lawrence W. Brandstetter, Cincinnati  
John Aaron Oney, Kenton

**College of Law**

Dean: James C. Kirby, Jr.

**Juris Doctor**

Thirty candidates

Aleita Joyce Ailes, Anna  
B.A. (Ohio Northern University)  
John Lynn Alden, Athens  
B.B.A., M.B.A. (Ohio University)  
Rupert Nelms Beetham, Cadiz  
B.S.Bus.Adm.  
John James Charles, Mansfield  
B.A. (Miami University)  
David Jackson DeVries,  
Loudonville, N. Y.  
A.B. (Lafayette College)  
Jay Randall Dingley, Youngstown  
B.B.A. (Ohio University)  
Donald Merle Drake, Columbus  
B.M.E.  
James Joseph Erb, Miami, Fla.  
B.A. (University of Miami)  
Kenneth Andrew Gamble,  
Corunna, Ont., Canada  
B.B.A. (Ohio University)  
James Richard Harris, Columbus  
B.A.  
Michael Stanley Holman, Galloway  
B.S. (United States Naval Academy)  
Michael Richards Johnson, Newark  
B.A.  
Michael Andrew Klemann, Hamilton  
B.A. (Miami University)  
Martin Howard Kodish, Akron  
B.A.  
William Albert Kurtz,  
Cleveland Heights  
B.A. (University of Notre Dame)  
John Howard Lahey, Fairview Park  
B.S. (Miami University)  
Louise Sarah Malbin,  
Cleveland Heights  
B.S.H.E.  
Brian Lee Masony, Fairview Park  
B.S.Bus.Adm.  
John James Moffett, Sandyville  
B.A., B.S.Ed.  
Michael Stuart Nolan, Lakewood  
B.A.  
Roger Donald Paul, Bellevue  
B.A. (Capital University)

College of Medicine

Dean: John A. Prior, M.D.

Richard Edward Plymale, Ironton  
B.S. (United States Military Academy)

Gregory Robert Poore, Fairview Park  
B.A. (Denison University)

Robert Lee Rauzi, Ontario  
A.B. (Oberlin College)

Allan Edward Roth, Columbus  
B.A.

Robert Louis Rothman, Toledo  
A.B. (University of Michigan)

Albert Rusnak, Jr., Wickliffe  
B.S.B.A. (Northwestern University)

Ruth Lawrence Barker Siegfried,  
Wooster  
A.B. (Wilson College)

William Martin Slonaker, Dayton  
B.S.Bus.Adm., M.B.A. (University of Dayton)

Joseph Henry Wolkowicz,  
St. Paul, Minn.  
B.A. (University of Minnesota)

School of Allied  
Medical Professions

Bachelor of Science in  
Medical Technology

Four candidates

Linda Jean Bytsura, Seven Hills  
Larry Lynn Kilgore, Lima  
Patrick Joseph Kunke, Circleville  
Sherry Lynn Thacker, New Holland

Bachelor of Science in  
Occupational Therapy

Three candidates

Leslie Joyce Gilbert, Beachwood  
Karen Keller Koyac, St. Henry  
Gail Lemmon Lloyd, Shaker Heights

School of Nursing

Bachelor of Science in Nursing

Six candidates

Cheryl Marie Chlebisch, Independence  
Carlean Davis, Cleveland  
Ardith Knapheide Nolte, Columbus  
Barbara Lynn Rice, Jackson  
Cathy Elizabeth Sharp, Millersport  
Mary Alane Tompkin, Columbus

Certificate of Nurse Anesthetist

One candidate

Mary Ellen Yarbrough, Cleveland

Certificate of Post Baccalaureate  
Medical Technologist

Two candidates

Victoria Rehl Heagren, Springfield  
B.A. (Miami University)  
Dianne Laurette Krech, Columbus  
B.S. (Marietta College)

Certificate of Post Baccalaureate  
Physical Therapist

One candidate

Nancy Carolyn Clark, Columbus  
B.S. (Otterbein College)



**Graduates with Honors**

**Summa Cum Laude**

Raymond Vasile Androne, Berea  
 Jay Randall Dingley, Youngstown  
 Jonathan Kent Ely, Dayton  
 James Joseph Erb, Miami, Fla.  
 Susan Lynn Fritz, Columbus  
 Sandra Kay Harbage,  
     South Charleston  
 Patricia Laraine Heaton, Columbus  
 Michael Stanley Holman, Galloway  
 Buil Wing Lee, Columbus  
 Kathleen Mae Malys, Youngstown  
 Robert Lawrence Martinet, Massillon  
 Neill Irene Cosner Meckley, Hamilton  
 Joseph James Migliore, Edison  
 Phyllis Ella Millsap, Columbus  
 Ray Michael Montoro, III, Coumbus  
 Patricia Allen Pallay, Hudson  
 William Noel Patterson, Columbus  
 David Allen Powell, Carey  
 John Earl Price, Bowerston  
 Arlene Adams Rieger, Lexington  
 Jane Ellen Rupp, Pettisville  
 Bettie Fox Sherman, Mansfield  
 June Marie Speak, Columbus  
 Kathleen Esther Stewart, Dayton  
 Norman Leigh Vesely, Columbus  
 Sylvia Yearick Weed, Columbus

**Cum Laude**

Stephen Frederic Ade, Mansfield  
 Raymond Bruce Alcott, Canfield  
 Steven Paul Ames, Elmore  
 Robert Anthony Baron,  
     Maple Heights  
 Rupert Nelms Beetham, Cadiz  
 Frank Douglas Braun, Cincinnati  
 Timothy Neil Browning, Columbus  
 Kathleen Burk, Independence  
 Linda Jo Campbell, Columbus  
 James Raymond Carroll, Cincinnati  
 John James Charles, Mansfield  
 James Gregory Clark, Columbus  
 Alan Robert Cory, Columbus  
 Hugh Gunder Creager,  
     Santa Ana, Calif.  
 Robert Louis DiBella, Columbus  
 Jonnie Kaye Edwards, Steubenville  
 William Henry Fiely, Dayton  
 Eric Anderson Grulke, Berea  
 Allen Roger Hancock, Columbus  
 Steven Harrington Hanley, Columbus  
 James William Henneberger,  
     Hamilton

Constance Howell Hermann, Poland  
 Tamara House Juba, Columbus  
 Barbara Ann Keil, Mansfield  
 Jeanne McKelvey Kigerl, Bellaire  
 Wai Lee Ko, Dayton  
 Martin Howard Kodish, Akron  
 William Albert Kurtz,  
     Cleveland Heights  
 John Howard Lahey, Fairview Park  
 Cynthia Maryann Lejsek, Ravenna  
 Jean Lueck Lloyd, Madison, Wis.  
 Gregory Donald Loose, Kettering  
 Louise Sarah Malbin,  
     Cleveland Heights  
 Charles William Meredith, Beverly  
 Ardith Knapheide Nolte, Columbus  
 Michael Andrew Oliver, Columbus  
 Marianne Randles Parker,  
     Worthington  
 Robert Eric Parker,  
     Boulder City, Nev.  
 John Robert Poss,  
     Colorado Springs, Colo.  
 Robert Lee Rauzi, Ontario  
 Edward Morris Robbins, Jr.,  
     Brandywine, Md.  
 Shirley McKinney Roe, Columbus  
 Allan Edward Roth, Columbus  
 Robert Louis Rothman, Toledo  
 Judy Thaw Rowe, Marion  
 Jack William Rupp, II, Westerville  
 Albert Rusnak, Jr., Wickliffe  
 Alessandro Francesco Sacilotto,  
     Cleveland  
 William Martin Slonaker, Dayton  
 Barbara Jane Tape, Miamisburg  
 Joan Mowry Tatgenhorst, Columbus  
 Alyce Whittaker Walden, Mansfield  
 Constance Jean Waring, Roanoke, Va.  
 Julie Studebaker Woodard,  
     New Carlisle

**Cum Laude and with  
Distinction in Animal Science**

Rebecca Elaine Gompf,  
     Livingston, N. J.

**Cum Laude and with  
Distinction in Political Science**

David Roger Replogle, Columbus

**With Distinction in  
Agricultural Engineering**

Alvis Earl McGaha, Piqua

**With Distinction in Animal Science**

John David Bonagura, Clifton, N. J.

**With Distinction in English**

Paula Shafer Butterfield, Columbus  
 John Charles Camp, Canton

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND SEVENTY-THIRD MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, February 4, 1972

The Board of Trustees met at its regular monthly meeting on Friday, February 4, 1972, at The Ohio State University Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: James W. Shocknessy, Chairman, Don M. Hilliker, John H. Dunlap, Frederick R. Eckley, M. Merle Harrod, Robert S. Dorsey, John L. Gushman, and Howard D. Sirak.

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Minutes of the last meeting were approved.

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REPORT BY CHAIRMAN

A. Minnesota Basketball Occurrence

Chairman Shocknessy expressed the Board's deep concern relating to the basketball incident that recently occurred at the University of Minnesota, both with regard to the lack of protection provided this University's student athletes as well as the future of intercollegiate sports. Chairman Shocknessy stated that while the Board does not intend to pass judgment upon anybody involved in this incident at this time, it does urge all who have a responsibility to examine the processes by which intercollegiate sports are conducted. Mr. Shocknessy then called upon Mr. J. Edward Weaver, Director of Athletics, to comment upon the situation.

Mr. Weaver indicated that he believes to date everything which should be done has been done. He reported that the investigation of the incident by both the Commissioner's Office and the University of Minnesota is continuing.

B. November 5 and 6 Incident on North High Street

Mr. Shocknessy reported briefly upon the incident on High Street on November 5 and 6. He stated that President Fawcett had requested Dr. Ted Robinson, Vice President for Student Affairs, to conduct a full investigation of the incident on North High Street the night of November 5 and the early morning of November 6 and to report his findings to the President at an early date. This report has now been submitted to the President as well as to the Mayor's Task Force of the City of Columbus. Dr. Robinson is presently in the process of pursuing the recommendations contained in the report. The administration has given its assurance that those recommendations requiring action by the University will receive full consideration.

C. Report on Consultative Committee to Advise in the Selection of a President

Mr. Shocknessy made the following statement:

At the last meeting of this Board, a statement was made by a representative of the Undergraduate Student Government with respect to the selection of a President. We are all mindful of the near impossible task of replacing President Fawcett, but we still have to appoint a President whether anybody will be quite as adequate as President Fawcett or not. We have been, as all of you know, in the process of seeking a President for many months. I have before me an article which appears in the February issue of The Ohio State University Monthly which is as comprehensive a statement of the process and of the progress of the presidential search as I believe can be made. The last paragraph of the article for which I especially compliment the Alumni Association says that:

REPORT BY CHAIRMAN (continued)

C. Report on Consultative Committee to Advise in the Selection of a President (continued)

Mr. Shocknessy's statement (continued)

By month's end, it became apparent that the search for a successor to President Fawcett was continuing; that the candidates being considered may or may not be those publicized by the press; that the Trustees had made clear they would not be bound to any of the five finalists named by the Search Committee; that no offer had been made to any prospect; that the Search Committee has been asked for a further list of names; and that when the final selection is made by Trustees it will be announced publicly - and not before.

The search is continuing. I have never and, insofar as I know, no member of this Board has ever either affirmed or denied the accuracy of a so-called list of five candidates which has recently been published in various newspapers. I was asked by a newspaper man just a few days ago, 'Did I know that a man named Chancellor Young had gone to Indonesia,' and I said 'No I don't; who is Chancellor Young?' Now I know who Chancellor Young is, but I am not either affirming or denying that Chancellor Young or anyone else was named on a list presented to the Board of Trustees. The Board of Trustees considers that a high degree of privacy is the right of those persons whom it considers for the Presidency.

At our meeting on December 3, the Board assured the Undergraduate Student Government that when the nominee of those sponsoring the campus elections was presented, the Search Committee would be requested to show that nominee the same consideration and dignity as every other nomination. And accordingly on December 7, at the request of the Board, the Secretary asked the Chairman of the Search Committee to examine the credentials of the nominee resulting from this election whenever that nominee would be presented. The Board did not consider that a list of prospects was final until the nominee obtained from the election had been considered by the Search Committee. It is my understanding that the Search Committee did honor the Board's request by holding a special meeting on the 22nd of December to examine the credentials of this nominee. While it has been asserted many times in our noble and respected campus newspaper that the nominee was not given the same respect as the other nominees, I consider that this nominee was given not only the same respect but more than the other nominees who were not named on the Search Committee's final list, because his credentials were considered singly by the whole committee in a special meeting.

REPORT BY CHAIRMAN (continued)

C. Report on Consultative Committee to Advise in the Selection of a President (continued)

Mr. Shocknessy's statement (continued)

The Search Committee advised the Board that it would not recommend this person for consideration by the Board, and accordingly the Board did not interview him.

The Board only interviewed those whose names were on the list forwarded by the Search Committee and who were available for interview. These interviews were conducted on the 5th and 6th of January with all members of our Board present. No prospect who was interviewed was offered the position of President. We indicated that we would like to be advised, by those whom we interviewed, if they would be receptive of an offer. We also determined before we dispersed on the 6th of January that we would ask for further nominations from the Search Committee, not because we did not respect the work of the Search Committee, not because we did not believe in the ability of the nominees of the Search Committee, but because we thought in the fulfillment of our mission of selecting a President for this great University in these perilous times that we should not confine ourselves to a list quite as narrow as it had become. I said 'it had become,' because one of the nominees of the five advised the Search Committee before we interviewed, that he was not interested in being interviewed. Certain reluctances were indicated in some of the others--reluctances which are characteristic of reaction to considerations such as the Presidency of a university, and such as are characteristic of the reactions of men who are serving in high positions in other universities. Accordingly, on the 17th of January I asked the Chairman of the Search Committee, on behalf of this Board, to present additional names. The Chairman was not asked to present any specific number of names, rather the Chairman was asked to present such names as the Search Committee had before it which the Committee considers worthy based upon its previous considerations. And implied in the request was the right of the Search Committee to go beyond, in any manner it deemed appropriate, to help us procure the best President that can be procured for what we consider the best state university in the United States--the state university in the United States with the greatest potential.

And finally, I wish to emphasize that important as time is, it is not as important as procuring the best man or woman who might be found to fill this position. Panic is not one of our problems. Our problem is procuring the 'best and the greatest' for the 'best and the greatest!' I firmly believe that we shall

REPORT BY CHAIRMAN (continued)

C. Report on Consultative Committee to Advise in the Selection of a President (continued)

Mr. Shocknessy's statement (continued)

be able to offer the Presidency to a suitable prospect in ample time, but time will not control the quality. Quality must continue to be our most important concern. We owe it to the University, the educational system, the State, the Nation, and to the man he will be succeeding.

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APPEARANCES

A. Professor Julian H. Markels

Professor Julian H. Markels of the Department of English appeared before the Board to urge the Trustees to sponsor a campus-wide election as the most appropriate method of selecting the new President.

B. Mr. Jeffrey Yapalater

Mr. Yapalater expressed his concerns regarding the manner in which the presidential search was being conducted. He also urged the redesign of the present Search Committee, the reconfirmation of its members, the selection of a president by an election from the slate of candidates selected by the Search Committee, and interview of Staughton Lynd when Mr. Lynd would be in Columbus on February 5.

Mr. Shocknessy stated that he would make himself available to meet with Mr. Lynd on Saturday. He indicated that he would not, however, ask the Board to convene on a caprice. If a meeting with Mr. Lynd and Mr. Shocknessy were arranged, it would be clearly understood that Mr. Shocknessy would be seeing Mr. Lynd not as a candidate for the presidency but to become acquainted with his views of a university. Mr. Shocknessy further indicated that he would be happy to have any member of the Board who was available to join him in this interview and that he would report to the Board concerning the interview. He asked Mr. Yapalater to arrange such an interview.

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February 4, 1972 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Revision of Rules 29.2725 and 51.03, the Deletion of Section 4 of Rule 45.03 and Rule 51.05, and the Addition of Rule 29.2726

On November 9, 1971, the Faculty Council approved the following revision in Rule 29.2725 and the addition of Rule 29.2726 to Rules for the University Faculty (See Appendix V, page 421):

1. Rule 29.2725 provides (a) that the Council on Student Affairs shall recommend to the President a list of attorneys, unaffiliated with the University, who shall be authorized to act as hearing officers to preside over disciplinary proceedings under Rule 51.03. One such attorney shall be designated by the President as a Chief Hearing Officer, and (b) that an array of Hearing Panelists shall be selected by lot consisting of faculty members, undergraduate students, graduate and professional students, and administrative staff members.
2. Rule 29.2726 is a new rule stating that the University will not exercise jurisdiction over disruption cases which are in the criminal courts unless there is a clear and present danger of repeated or continued violations. In such cases procedures for probation and dismissal are set up.

On December 15, 1971, the Faculty Council approved a revision of Rule 51.03 and the deletion of Section 4 of Rule 45.03 and Rule 51.05 of Rules for the University Faculty:

3. Rule 51.03 as revised sets forth in greater detail than the present rule what constitutes disruption and defines certain terms which are used in the Rule.

It was recommended that the foregoing changes in the Rules for the University Faculty as approved by the Faculty Council be adopted by the Board of Trustees with the provision that in the event the procedures set forth in Rules 29.2725 and 29.2726 prove to be ineffective, the President, upon his own discretion and after consultation with the Faculty Advisory Committee, may set aside the above Rules, reinstitute the procedures now in effect and return the Rules to the Faculty Council for further study and possible modification.

Upon motion of Mr. Harrod, seconded by Mr. Eckley, the Board of Trustees approved the foregoing recommendation by unanimous voice vote, and the Secretary of the Board of Trustees was further instructed and given authority to make the changes in the Rules for the University Faculty in the next printing.



February 4, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Revision of Rules 13.09, 27.0701, 27.0703, 27.0705, 27.09, and the Deletion of Rule 29.2707

The Faculty Council on December 15, 1971, approved the following revisions in Rules 13.09, 27.0701, 27.0703, 27.0705, and 27.09, and the deletion of Rule 29.2707. (See Appendix VI, page 427.) These rules call for the establishment of a Research Committee of the Graduate Council and the transfer of existing powers and functions of the present Research Council to this Research Committee.

1. Rule 13.09 deleted the term Research Council and substitutes Graduate Council.
2. Rule 27.0701 provides for changing the number of faculty members on the Graduate Council and provides for student membership on this body.
3. Rule 27.0703 changes the length of terms of the members.
4. Rule 27.0705 transfers the powers and functions of the Research Council to the Graduate Council.
5. Rule 27.09 establishes a Research Committee of the Graduate Council and sets forth its responsibilities.

President Fawcett recommended that the foregoing changes in the Rules for the University Faculty as approved by the Faculty Council be adopted by the Board of Trustees.

Upon motion of Mr. Dunlap, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous voice vote, and the Secretary of the Board of Trustees was further instructed and given authority to make the changes in the Rules for the University Faculty in the next printing.

C. Revision of "Master Plan for Don Scott Field"

The official master plan for Don Scott Field as previously approved by the Board of Trustees, requires further modification at this time to accommodate new Federal Aviation Agency regulations and the revision of proposals to incorporate additional planning studies associated with the further development of runway facilities. Among the specific changes included in these revisions are a more detailed delineation of runway configurations, runway approach fans, as well as the inclusion of the animal science facilities presently under construction, minor revisions to reflect current property lines, land acquisition priorities, and land use.

February 4, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

C. Revision of "Master Plan for Don Scott Field" (continued)

President Fawcett recommended that the "Master Plan for Don Scott Field," be revised as indicated in the five accompanying maps and that these maps be placed on file with the official records of the Board of Trustees.

Upon motion of Mr. Dunlap, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

D. Appointment of Policy Committee for Operation of The Andersons Agricultural Research Fund

At the February 10, 1966 meeting of the Board of Trustees, The Andersons Agricultural Research Fund was established as a permanent endowment fund by the Board of Trustees.

President Fawcett recommended that a Policy Committee comprised of the following four persons be established: the University Provost who will serve as Chairman of the Committee; the Dean of the College of Agriculture and Home Economics; the Treasurer of the University; and one representative of The Andersons.

Upon motion of Mr. Dunlap, seconded by Mr. Eckley, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

E. Honorary Degree

President Fawcett recommended under Section 3, Rule 11.05, and after consultation with the Faculty Advisory Committee to the President and the Board of Trustees, that the honorary degree, Doctor of Laws, be conferred on Elliot L. Richardson, United States Secretary of Health, Education and Welfare, at the March 17, 1972 Commencement.

Upon motion of Mr. Harrod, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

F. Adoption of University Budget for the Fiscal Year 1971-72

President Fawcett made the following statement and recommendation:

Last July 30 a special Board meeting was called for the purpose of adopting a Provisional University Budget for 1971-72. Action had been deferred until this late date because of the failure of the legislature to act upon an appropriation bill; but, this University could defer no longer and still meet its financial commitments. The Provisional Budget, presented and adopted, anticipated a State subsidy level of \$67,382,000 for the year. This level was selected since it was established in House Bills 475 and 477 which had been passed by the House and were pending in the Senate. Student fee levels were also established on the basis recommended in House Bills 475 and 477 and urged by the Board of Regents.

I. GENERAL RECOMMENDATIONS (continued)

F. Adoption of University Budget  
for the Fiscal Year 1971-72 (continued)

President Fawcett's statement and recommendation (continued)

It was anticipated that with possible minor modifications in final legislative action on anticipated resources, a firm budget for the fiscal year 1971-72 could be adopted by this Board no later than early autumn of this past year. However, this University's appropriation was not established by the legislature until December 20, 1971. And I regret to inform you that the support level of \$62,908,500 established by the General Assembly fell short of the previously anticipated support level by \$4,473,500. We have now had an opportunity to reexamine all expenditures called for in the Provisional Budget in an effort to resolve this very substantial difference.

Some resolution of this disparity was received from an unanticipated increased enrollment for the Autumn Quarter. While I will not attempt to provide a detailed explanation as to why our efforts to curtail enrollments this year were not successful, suffice it to say that unanticipated enrollment increases resulted in approximately nine hundred more students than had been projected with an increased fee income of \$730,000 over that which was indicated in the Provisional Budget. An equivalent subsidy increase of \$891,500 was also provided by the State because of this increased enrollment.

During the last several months of fiscal year 1970-71 there were indications that universities might face reductions in anticipated support levels. A number of economy measures were instituted at this University in order to protect ourselves by developing larger year end balances than those projected. Through various economies we were able to close out the fiscal year 1970-71 with a balance of \$1,593,000 over that budgeted. The financial support provided by these three items effectively reduced the net difference between the anticipated and the actual resources obtained by the State to a level of \$1,259,000. To resolve this difference, however, it then became necessary to reduce specific items in the Provisional Budget as follows:

- |  |           |
|--|-----------|
| 1. University operating and equipment allocation | \$584,000 |
| 2. Programmed contract repair projects           | 300,000   |
| 3. Deferred critical problems                    | 375,000   |

February 4, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Adoption of University Budget  
for the Fiscal Year 1971-72 (continued)

President Fawcett's statement and recommendation (continued)

While the University has effected these reductions, the implications of such action should be fully understood. First, the reduction in University operating and equipment budgets will mean that all areas of the University must operate at the same expenditure levels as they have in the preceding year irrespective of increased costs experienced because of inflation which has been particularly critical in the more sophisticated types of equipment and supplies that universities require. Dramatic increases have also been experienced in the cost of many essential services, particularly utilities. The reduction in contract repair funds is obviously a false economy and cannot be sustained over a very long period of time. And similarly a reduction of this magnitude in funding cannot help but limit our efforts to strengthen existing commitments to say nothing of the additional funds which are needed to support the development of new and innovative programs. Thus the following budget for 1971-72 is presented for your consideration:

Budget for the 1971-72 Fiscal Year

	Provisional Budget	Budget
General Budgets		
Personnel Services	\$ 94, 303, 748	\$ 94, 303, 748
Operating and Equipment	19, 962, 396	19, 378, 396
All Other	<u>8, 453, 369</u>	<u>7, 778, 316</u>
Total	\$122, 719, 513	\$121, 460, 460
Regional Campuses	\$ 4, 621, 000	\$ 4, 427, 000
Restricted Budgets/Expenditures		
Endowments	\$ 1, 115, 000	\$ 1, 115, 000
Federal Grants/Contracts	16, 885, 000	20, 000, 000
Ohio Grants/Contracts	1, 900, 000	1, 950, 000
Private Gifts/Grants	3, 800, 000	3, 800, 000
Research Foundation	16, 500, 000	17, 000, 000
Other	<u>2, 721, 700</u>	<u>2, 721, 700</u>
Total	\$ 42, 921, 700	\$ 46, 586, 700

February 4, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Adoption of University Budget  
for the Fiscal Year 1971-72 (continued)

President Fawcett's statement and recommendation (continued)

	<u>Provisional Budget</u>	<u>Budget</u>
Rotary and Auxiliary Budgets		
Cooperative Extension	\$ 10,650,000	\$ 11,200,000
University Hospitals	39,530,000	38,740,000
University Dormitories	15,185,000	14,393,000
Intercollegiate Athletics	4,040,000	4,040,000
Departmental Earnings	4,858,000	4,858,000
University Services	2,200,000	2,200,000
All Other Auxiliaries	<u>7,241,000</u>	<u>7,241,000</u>
Total	\$ 83,704,000	\$ 82,672,000
GRAND TOTAL	<u>\$253,966,213</u>	<u>\$255,146,160</u>

Sources of Income for 1971-72 Budget

	<u>Provisional Budget</u>	<u>Budget</u>
Main Campus		
State Subsidy	\$ 67,382,000	\$ 62,908,500
Plus: Additional earnings based upon enrollment	<u>-0-</u>	<u>891,500</u>
Subtotal	\$ 67,382,000	\$ 63,800,000
Student Fees	43,570,000	44,300,000
Other Unrestricted Income	15,100,832	15,100,832
Beginning Balance	1,115,750	2,708,697
Carry Forward to 1972-73	<u>(4,449,069)</u>	<u>(4,449,069)</u>
	\$122,719,513	\$121,460,460
Regional Campuses - All Sources	\$ 4,621,000	\$ 4,427,000
Departmental Earnings	4,858,000	4,858,000
University Services	2,200,000	2,200,000
Auxiliary Operations	76,646,000	75,614,000
Restricted Funds	<u>42,921,700</u>	<u>46,586,700</u>
GRAND TOTAL	<u>\$253,966,213</u>	<u>\$255,146,160</u>

I. GENERAL RECOMMENDATIONS (continued)

F. Adoption of University Budget  
for the Fiscal Year 1971-72 (continued)

President Fawcett's statement and recommendation (continued)

While I am asking your adoption of this University budget I must also alert you to an as yet unresolved problem which has developed since our State appropriation was established. During the budget discussions this past year we were fully aware that the 109th General Assembly would probably pass a substantial pay increase bill for civil servants of the State including the approximately 2,550 individuals in this category presently employed by this University. At that time estimates of this increase ranged from 6-16% over and above the normal statutory increases. Additionally, university presidents understood through meetings in the Office of the Board of Regents that while the universities would be obliged to absorb increases for all employees of these universities in equivalent categories to that of State civil service, any action by the General Assembly with reference to civil service employee pay increases would be accompanied by the necessary funds to implement these increases. I regret to report, however, that while the legislature did take the anticipated action in providing a substantial salary increase for the civil servants of this State, which, incidentally, this University fully supported, State universities were specifically exempted from the funds provided to all other State agencies for implementing this increase. Now we find ourselves in the difficult position of enthusiastically supporting the action of the legislature in providing well-deserved increases to our employees and at the same time having to resolve an unanticipated financial obligation to this University which will amount to over \$3 million for the biennium for our civil service employees and a roughly equivalent amount for our employees in our Hospitals, Cooperative Extension, Dormitories, and other auxiliary activities which hold civil service equivalent positions. We have every intention of meeting these obligations even though the exact amount is still to be determined by the Federal Pay Board. As you know, we have initiated a number of improved program budgeting practices during the past several years at all levels within the University in order to anticipate needs and to integrate these needs in a budget plan which would provide for consistent progress toward meeting these obligations within the constraints of increasingly scarce resources. In doing this, we have been able to provide, each year, minimal but consistent growth to continuation budgets and initiation of the most critical new and improved programs. When the amount of the State civil service increases is established, we will make every attempt to resolve this liability through reevaluation of this current budget plan hopefully without having to effect any major revisions to existing budget levels. Some alternatives will include the possibility

February 4, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Adoption of University Budget  
for the Fiscal Year 1971-72 (continued)

President Fawcett's statement and recommendation (continued)

of additional temporary investment resources of \$200,000; anticipated year end balances due to stringent controls on budgets; possibility of additional special subsidy from the Ohio Board of Regents; and use of a portion of our emergency reserves.

I am now recommending the adoption of the University Budget for 1971-72 presented above and authorization to make the necessary adjustments in the various budgets required by the civil service pay increase bill once this University's liability has been determined through reevaluation of income and budget levels.

Upon motion of Mr. Hilliker, seconded by Mr. Gushman, the Board of Trustees approved the University Budget for 1971-72 by unanimous roll call vote.

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II. PERSONNEL CHANGES

Personnel changes since the December 3, 1971 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Appointment, Promotions, Leave of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles:

A. Appointment

Richard P. Goldthwait, Acting Dean of the College of Mathematics and Physical Sciences, effective January 1, 1972, at a salary of \$27,012.00 per annum.

B. Promotions

G. Edwin Howe from Associate Administrator of University Hospitals to Director of Hospital Administration, effective immediately, at a salary of \$26,328.00 per annum.

John B. Gabel from Acting Chairman of the Department of English to Chairman of the Department of English, effective immediately, at a salary of \$23,088.00 per annum.

Adalbert Koestner from Acting Chairman of the Department of Veterinary Pathology to Chairman of the Department of Veterinary Pathology, effective immediately, at a salary of \$30,048.00 per annum.

February 5, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leave of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 12, 1954, the following-named person was recommended for Leave of Absence With Salary from the Cooperative Extension Service for the period indicated:

Ronald L. Overmyer, Instructor (County Extension Agent, 4-H) Ottawa County, effective January 1, 1972 through March 15, 1972, to participate in a program of professional improvement at The Ohio State University.

D. Leaves of Absence Without Salary

James F. Engel, Professor, College of Administrative Science - Academic Faculty of Marketing, effective January 1, 1972 through September 30, 1972, to serve as Visiting Professor in the Graduate School at Wheaton College, Wheaton, Illinois.

Audrey Jean Naylor, Associate Professor, Department of Pediatrics, effective November 1, 1971 through June 30, 1972, to participate in a study tour of three European countries.

James W. Vander Zanden, Associate Professor, Department of Sociology, effective January 1, 1972 through March 31, 1972, to prepare manuscript for a book.

E. Emeritus Titles

John H. Herrick, Division of Campus Planning, with the title Executive Director Emeritus, effective February 1, 1972.

Chalmer G. Hixson, School of Health, Physical Education and Recreation, with the title Professor Emeritus, effective September 1, 1971.

Florence L. Lloyd, School of Home Economics, with the title of Professor Emeritus, effective December 1, 1971.

Francis P. Robinson, Department of Psychology, with the title Professor Emeritus, effective January 1, 1972.

President Fawcett recommended that the Appointment, Promotions, Leave of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Dr. Sirak, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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February 4, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

SUMMARY

(November 13, 1971 - January 7, 1972)

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	21	\$ 833, 115. 00
Government Research - State	1	39, 954. 00
Industrial and Other Research	9	200, 281. 00
<u>Grants</u>		
Government Research - Federal	23	1, 151, 976. 00
Industrial and Other Research	<u>5</u>	<u>30, 740. 00</u>
Totals	59	\$2, 256, 066. 00

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Eckley, seconded by Mr. Gushman, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

February 4, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal

- a. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Kinetics of Ionizing-Radiation Induced Reactions in Organic Compounds (to be known as Project No. 1398-E - Mod. #8-2 - Department of Chemistry).  
Gross Value - \$40,299.00.
- b. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Cycling of Cl-36 Labeled DDT in Natural Systems (to be known as Project No. 1794-E - Mod. #6-2 - Department of Zoology).  
Gross Value - \$15,848.00.
- c. Department of Navy, Office of Naval Research, Arlington, Virginia, Nonsimilar Solution of Binary Boundary Layers (to be known as Project No. 2362 - Mod. #4 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$17,000.00.
- d. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Pulse Radiolysis Studies of Fast Reactions in Molecular Systems (to be known as Project No. 2589-D - Mod. #2-3 - Department of Chemistry).  
Gross Value - \$47,036.00.
- e. Department of Navy, Office of Naval Research, Arlington, Virginia, Nucleation and Propagation Kinetics of Crystal Dissolution and Growth (to be known as Project No. 2966 - Mod. #3 - Department of Metallurgical Engineering).  
Gross Value - \$22,000.00.
- f. Department of Air Force, Air Force Systems Command, Wright Patterson Air Force Base, Ohio, Investigation of the Properties of Gas Flows in Variable Area Ducts with Heat Addition (to be known as Project No. 3066-B1 - Mod. #P00006 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$6,000.00.
- g. Department of Navy, Office of Naval Research, Arlington, Virginia, Adaptive Antenna Arrays for Aircraft Communications Systems (to be known as Project No. 3098-A1 - Mod. #2 - Department of Electrical Engineering).  
Gross Value - \$76,094.00.

February 4, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- h. Department of Air Force, Air Force Systems Command, Wright Patterson Air Force Base, Ohio, Research on Permanent and Temporary Shifts in Hearing Threshold Produced by Exposure to Air Force Noise (to be known as Project No. 3189-A1 - Amend. #P00003 - Department of Otolaryngology).  
Gross Value - \$15,500.00.
- i. Department of Air Force, Air Force Systems Command, Wright Patterson Air Force Base, Ohio, The Investigation of High-Temperature Oxidation Reactions (to be known as Project No. 3194-A1 - Mod. #P00003 - Department of Metallurgical Engineering).  
Gross Value - \$30,000.00.
- j. Department of the Army, Harry Diamond Laboratories, Washington, D. C., A Study to Improve the Performance of Electrically Small Antennas Located in Small Dielectric Nose Cones (to be known as Project No. 3281-A1 - New - Department of Electrical Engineering).  
Gross Value - \$20,000.00.
- k. Department of Air Force, Air Force Systems Command, Headquarters, Wright Patterson Air Force Base, Ohio, Development of a Duoplasmatron Excitation Technique for Measuring Flow Properties Around High Speed Vehicles (to be known as Project No. 3361-A1 - New - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$60,000.00.
- l. Department of the Army, U. S. Army Medical Research and Development Command, Washington, D. C., Radioprotective Agents - Stereochemical Studies (to be known as Project No. 3363-A1 - New - College of Pharmacy).  
Gross Value - \$25,908.00.
- m. Department of Air Force, Air Force Systems Command, Rome Air Development Center, Griffiss Air Force Base, New York, Multifunction TDMA Techniques (to be known as Project No. 3364-A1 - New - Department of Electrical Engineering).  
Gross Value - \$147,992.00.
- n. Department of the Army, Headquarters, U. S. Army Medical Research and Development Command, Washington, D. C., Isolation and Characterization of Plasmodium Berghei Antigens (to be known as Project No. 3365-A1 - New - Department of Microbiology).  
Gross Value - \$13,138.00.

February 4, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- o. Department of Air Force, Electronic Systems Division, Air Force Systems Command, L. G. Hanscom Field, Bedford, Massachusetts, Study of the External Gravity Potential of the Earth, Gravimetric Quantities and Geodetic Parameters Affected by Gravity (to be known as Project No. 3368-A1 - New - Department of Geodetic Science). Gross Value - \$64,196.00.
- p. Department of Air Force, Electronic Systems Division, Air Force Systems Command, L. G. Hanscom Field, Bedford, Massachusetts, Study of the External Gravity Potential of the Earth, Gravimetric Quantities and Geodetic Parameters Affected by Gravity (to be known as Project No. 3368-B1 - New - Department of Geodetic Science). Gross Value - \$35,661.00.
- q. Department of Commerce, Office of Minority Business Enterprise, Washington, D. C., Minority Business Enterprise Research (to be known as Project No. 3371-A1 - New - College of Administrative Science - Division of Continuing Education). Gross Value - \$2,400.00.
- r. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, In Vitro Study of the Nature of Interaction Between Chemical and Viral Carcinogens (to be known as Project No. 3374-A1 - New - Department of Veterinary Pathology). Gross Value - \$75,226.00.
- s. National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Continuation of Experimental Study of Helicopter Rotor Blade Boundary Layers (to be known as Project No. 3375-A1 - New - Department of Mechanical Engineering). Gross Value - \$54,391.00.
- t. Department of Interior, Fish and Wildlife Service, Bureau of Sport Fisheries and Wildlife, Washington, D. C., The Relationship Between DDT, Eggshell Thinning and Parathyroid Functions in Birds (to be known as Project No. 3376-A1 - New - Department of Zoology). Gross Value - \$13,375.00.
- u. Department of Air Force, Space and Missile System Organization, Air Force Systems Command, Norton Air Force Base, California, Electrically Small Antennas for Nose Cone Applications (to be known as Project No. 3378-A1 - New - Department of Electrical Engineering). Gross Value - \$51,051.00.

TOTAL - Government Contracts - Federal \$833,115.00

February 4, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

2. Government Research Contract - State

- a. State of Ohio, Department of Liquor Control, Columbus, Ohio, A Comprehensive Review of Ohio Department of Liquor Control's Policies and Procedures (to be known as Project No. 3263-A1 - New - College of Administrative Science - Academic Faculty of Marketing).  
Gross Value - \$39,954.00.

3. Industrial and Other Research Contracts

- a. Illuminating Engineering Research Institute, New York, New York, Studies of the Illuminating Requirements for Roadway Visual Tasks (to be known as Project No. 872 - Sup. #14 - Institute for Research in Vision).  
Gross Value - \$5,000.00.
- b. Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination (to be known as Project No. 885 - Ext. #14 - Department of Biophysics).  
Gross Value - \$21,400.00.
- c. Illuminating Engineering Research Institute, New York, New York, Studies of Visual Performance and Illumination (to be known as Project No. 885-A - Ext. #5 - Institute for Research in Vision).  
Gross Value - \$15,500.00.
- d. American Petroleum Institute, Washington, D. C., An Investigation of the Effects of Sulfur Dioxide on Human Subjects (to be known as Project No. 2987 - Sponsor Ltr. Dtd. 12/15/71 - Department of Preventive Medicine).  
Gross Value - \$108,000.00.
- e. A. Earl Cullum, Jr., and Associates, Consulting Engineers, Dallas, Texas, Measurement of Scattering Characteristics of Scale Models of Buildings (to be known as Project No. 3305-A1 - Sponsor Ltr. Dtd. 11/9/71 - Department of Electrical Engineering).  
Gross Value - \$2,500.00.
- f. A. Earl Cullum, Jr., and Associates, Consulting Engineers, Dallas, Texas, Measurement of Scattering Characteristics of Scale Models of Buildings (to be known as Project No. 3305-A1 - Sponsor Ltr. Dtd. 12/6/71 - Department of Electrical Engineering).  
Gross Value - \$7,500.00.

February 4, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Industrial and Other Research Contracts (continued)

- g. The Duriron Company, Inc., Post Office Box 1145, Dayton, Ohio,  
The Ductility of Alloy Castings (to be known as Project No. 3366-A1 -  
New - Department of Metallurgical Engineering).  
Gross Value - \$24,988.00.
- h. Research for Better Schools, Inc., Suite 1700, Philadelphia,  
Pennsylvania, Analysis and Conceptualization of Instructional  
Module in Proposal Development (to be known as Project No.  
3372-A1 - New - College of Education).  
Gross Value - \$5,000.00.
- i. Dayton Board of Education, Dayton, Ohio, Program Audit Services  
for Project EMERGE, Dayton Public Schools (to be known as  
Project No. 3373-A1 - New - College of Education).  
Gross Value - \$10,393.00.

TOTAL - Industrial and Other Research Contracts \$200,281.00

4. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service,  
National Institute of Mental Health, Bethesda, Maryland, Studies in  
Learning and Perception (to be known as Project No. 887-M - Ext.  
#13 - Department of Psychology).  
Gross Value - \$25,967.00.
- b. Department of Health, Education and Welfare, Public Health Service,  
National Institutes of Health, National Cancer Institute, Bethesda,  
Maryland, Southwest Cooperative Chemotherapy Study Group (to be  
known as Project No. 1094-L - Ext. #12 - Department of Medicine).  
Gross Value - \$51,472.00.
- c. Department of Health, Education and Welfare, Public Health Service,  
National Institutes of Health, National Institute of Neurological  
Diseases and Stroke, Bethesda, Maryland, Neuroendocrine Mecha-  
nisms Controlling Organ Perfusion (to be known as Project No.  
1882-G - Ext. #7 - Department of Psychiatry).  
Gross Value - \$15,929.00.
- d. National Aeronautics and Space Administration, Goddard Space  
Flight Center, Greenbelt, Maryland, Millimeter-Wavelengths  
Propagation Studies (to be known as Project No. 2374 - Sup. #6 -  
Department of Electrical Engineering).  
Gross Value - \$115,000.00.

February 4, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

4. Government Research Grants - Federal (continued)

- e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, A Core Facility for a Cardiovascular Research Program (to be known as Project No. 2507-D - Ext. #4 - Department of Medicine).  
Gross Value - \$230,274.00.
- f. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Pathology of Thyrocalcitonin Allied Disease (to be known as Project No. 2766-B - Sup. #1 - Department of Veterinary Pathology).  
Gross Value - \$7,354.00.
- g. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Hypocholesterolemic Agents-Stereochemical Studies (to be known as Project No. 2769-C - Ext. #3 - College of Pharmacy).  
Gross Value - \$34,440.00.
- h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Research Support Grant (to be known as Project No. 2776-A3 - Ext. #3 - College of Veterinary Medicine).  
Gross Value - \$72,270.00.
- i. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Child Health and Human Development, Bethesda, Maryland, Aspects of Male Reproduction (to be known as Project No. 2866-B - Ext. #2 - Department of Dairy Science).  
Gross Value - \$139,584.00.
- j. National Science Foundation, Washington, D. C., Annual Symposia on Molecular Structure and Spectroscopy (to be known as Project No. 2983 - Sponsor Ltr. Dtd. 12/14/71 - Department of Physics).  
Gross Value - \$3,300.00.
- k. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Correlative Postnatal Vestibular Development (to be known as Project No. 2988-B - Ext. #2 - Department of Anatomy).  
Gross Value - \$12,671.00.

February 4, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

4. Government Research Grants - Federal (continued)

- l. National Science Foundation, Washington, D. C., Nonsplit Lie Algebras and Algebraic Groups (to be known as Project No. 3224-A1 - Sponsor Ltr. Dtd. 12/23/71 - Department of Mathematics).  
Gross Value - \$19,800.00.
- m. National Science Foundation, Washington, D. C., Graph Connectivity (to be known as Project No. 3240-A1 - Sponsor Ltr. Dtd. 12/2/71 - Department of Mathematics).  
Gross Value - \$5,000.00.
- n. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Research Center for Acute Spinal Injury (to be known as Project No. 3358-A1 - New - Department of Surgery).  
Gross Value - \$78,721.00.
- o. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Electrochemistry of Luminescence and Excited States (to be known as Project No. 3359-A1 - New - Department of Chemistry).  
Gross Value - \$37,229.00.
- p. Department of Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Surface Properties of Metals (to be known as Project No. 3360-A1 - New - Department of Metallurgical Engineering).  
Gross Value - \$39,776.00.
- q. National Science Foundation, Washington, D. C. Spectrophotometry of Late-Type Stars (to be known as Project No. 3367-A1 - New - Department of Astronomy).  
Gross Value - \$32,800.00.
- r. Department of Health, Education and Welfare, Office of Education, Chicago, Illinois, A Study of the Impact of the Verbal Environment in Mathematics Classrooms on Seventh-Grade Students' Logical Abilities (to be known as Project No. 3369-A1 - New - College of Education).  
Gross Value - \$9,989.00.



III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

4. Government Research Grants - Federal (continued)

- s. National Science Foundation, Washington, D. C., Liquid  $^3\text{He}$ - $^4\text{He}$ -Mixtures at Low Temperatures (to be known as Project No. 3370-A1 - New - Department of Physics).  
Gross Value - \$84,800.00.
- t. Department of Navy, Office of Naval Research, Arlington, Virginia, International Conference on Localized Corrosion (to be known as Project No. 3382-A1 - New - Department of Metallurgical Engineering).  
Gross Value - \$8,000.00.
- u. National Science Foundation, Washington, D. C., Applications of Immobilized Enzymes to the Treatment and Utilization of Food Plant Wastes (to be known as Project No. 3383-A1 - New - Department of Biochemistry).  
Gross Value - \$47,356.00.
- v. National Science Foundation, Washington, D. C., Applications of Immobilized Enzymes to the Treatment and Utilization of Food Plant Wastes (to be known as Project No. 3383-B1 - New - Department of Chemical Engineering).  
Gross Value - \$46,037.00.
- w. National Science Foundation, Washington, D. C., Applications of Immobilized Enzymes to the Treatment and Utilization of Food Plant Wastes (to be known as Project No. 3383-C1 - New - Department of Food Science and Nutrition).  
Gross Value - \$34,207.00.

TOTAL - Government Research Grants - Federal \$1,151,976.00

5. Industrial and Other Research Grants

- a. The Deafness Research Foundation, New York, New York, Scanning Electron Microscopic Investigation of the Inner Ear (to be known as Project No. 2982-B - Sponsor Ltr. Dtd. 12/15/71 - Department of Otolaryngology).  
Gross Value - \$10,000.00.
- b. The Deafness Research Foundation, New York, New York, Experimental Infection of the Ear - An Electromicroscopic Observation (to be known as Project No. 3161-A2 - Sponsor Ltr. Dtd. 12/15/71 - Department of Otolaryngology).  
Gross Value - \$10,000.00.

February 4, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

5. Industrial and Other Research Grants (continued)

- c. American Cancer Society, Ohio Division, Inc., Cleveland, Ohio,  
An Attempt to Produce Metastasis in Experimentally Produced  
Carcinoma of the Breast (to be known as Project No. 3357-A1 -  
New - Department of Pathology).  
Gross Value - \$4,000.00.
- d. American Cancer Society, Ohio Division, Inc., Cleveland, Ohio,  
Immunotherapy of Lymphoid Leukemia (to be known as Project  
No. 3362-A1 - New - Department of Microbiology).  
Gross Value - \$4,000.00.
- e. American Veterinary Medical Association Foundation, Chicago,  
Illinois, Development of a Compressing Plating Technique for  
the Treatment of Long Bone Fractures in Horses (to be known as  
Project No. 3379-A1 - New - Department of Veterinary Clinical  
Sciences).  
Gross Value - \$2,740.00.

TOTAL - Industrial and Other Research Grants \$30,740.00



February 4, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS

SUMMARY

(Period: November, 1971 and December, 1971)

<u>Grants</u>	
Office of Finance and Treasurer	\$1,207,862.16

<u>Gifts</u>	
The Ohio State University Development Fund	

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	6,795	\$ 378,986.84
Individuals Other than Alumni	1,978	204,683.05
Business Concerns	87	165,889.25
Foundations and Nonprofit Organizations	<u>95</u>	<u>261,066.67</u>
Totals	8,955	\$1,010,625.81

The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include the establishment of named funds and a specific listing of some of the many gifts received.

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ANNUAL REPORT, 1971

	<u>Number of Gifts</u>	<u>Amount</u>
Alumni	28,823	\$1,062,302.00
Individuals Other than Alumni	5,021	803,098.00
Business Concerns	541	978,193.00
Foundations and Nonprofit Organizations	<u>521</u>	<u>1,098,812.00</u>
Totals	34,906	\$3,942,405.00

Upon motion of Mr. Eckley, seconded by Mr. Dorsey, the acceptance of the grants and gifts and the establishment of the named funds was approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

February 4, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer

1. \$340,835.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Ohio State Regional Medical Program, under the direction of the College of Medicine, for the period July 1, 1970 through June 30, 1972. (Grant No. 5 G03 RM 00022-02A3)
2. \$190,161.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for General Research Support Grant, under the direction of the College of Medicine, for the period January 1, 1972 through December 31, 1972. (Grant No. 5 S01 RR05409-11)
3. \$143,008.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for Comparative Pathology - Training Grant, under the direction of the Department of Veterinary Pathology, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 GM01052-10)
4. \$94,000.00 granted by Ohio Board of Regents, Columbus, Ohio, to the University for support of An Urban Extension Program for Central Ohio, under the direction of the Division of Continuing Education. This grant is made under Title I of the Higher Education Act of 1965.
5. \$90,423.00 granted by National Science Foundation, Washington, D. C., to the University for support of 1972 Summer Institute in Mathematics for Secondary School Teachers, under the direction of the Department of Mathematics. This grant expires September 30, 1972. (Grant GW-6970, Proposal No. 2/0236)
6. \$54,963.00 granted by National Science Foundation, Washington, D. C., to the University for support of 1972 Summer Institute in Geology for Secondary School Teachers, under the direction of the Department of Geology. This grant expires September 30, 1972. (Grant GW-6910, Proposal No. 2/0098)
7. \$51,294.00 granted by National Science Foundation, Washington, D. C., to the University for support of 1972 Summer Institute in Environmental Sciences for Secondary School Teachers, under the direction of the College of Education. This grant expires June 30, 1973. (Grant GW-7021, Proposal No. 2/1063)
8. \$45,175.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for General Research Support Grant, under the direction of the College of Pharmacy, for the period January 1, 1972 through December 31, 1972. (Grant No. 5 S01 RR05607-06)

February 4, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

9. \$42,769.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for General Research Support Grant, under the direction of the School of Nursing, for the period January 1, 1972 through December 31, 1972. (Grant No. 1 S01 RR05742-01)
10. \$38,880.00 granted by State of Ohio, Department of Education, Columbus, Ohio, to the University for support of Emergency Certification Program for Prospective Teachers of Industrial Arts Education, under the direction of the College of Education, for the period January 1, 1972 through August 31, 1972.
11. \$31,378.00 granted by National Science Foundation, Washington, D. C., to the University for support of Cooperative College-School Science Program, under the direction of the College of Education. This grant terminates June 30, 1973. (Grant GW-7158, Proposal No. 2/1631)
12. \$28,247.00 granted by National Science Foundation, Washington, D. C., to the University for support of Cooperative College-School Science Program, under the direction of the College of Education. This grant terminates June 30, 1973. (Grant GW-7148, Proposal No. 2/1726)
13. \$18,263.16 granted by 2750th ABW/PMA, Prime Procurement Branch, Building 2, Area C, Wright Patterson Air Force Base, Ohio, to the University for support of instructional program in the area of Geodetic Science for Air Force personnel. (Contract No. F 33600-72-C-0269)
14. \$15,695.00 granted by National Science Foundation, Washington, D. C., to the University for support of Short Course on Junior High School Science Programs for Principals and Curriculum Supervisors, under the direction of the College of Education. This grant will terminate on September 30, 1972. (Grant GW-7306, Proposal No. 2/2163)
15. \$10,813.00 additional grant by United States Department of Justice Law Enforcement Assistance Administration, Washington, D. C., to the University for support of Law Enforcement Education Program, for the period July 1, 1971 through June 30, 1972. (Transaction No. 003090-2-72-2-1)
16. \$6,067.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for Medical Cardiology - Training Grant, under the direction of the Department of Medicine, for the period November 1, 1971 through June 30, 1972. (Grant No. 3 T01 HE05786-05S1)

February 4, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

17. \$2,000.00 granted by Department of Interior, Office of Saline Water, Washington, D. C., to the University for participant's attendance at an International Conference on Localized Corrosion, under the direction of the Department of Metallurgical Engineering, for the period December 6, 1971 through December 10, 1971. (Grant No. 14-30-2996)
18. \$2,000.00 granted by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C., to the University for U. S. Loan Program for Cuban Students, under the direction of the Office for Student Financial Aids, for the Winter Quarter. (Vendor No. 003090)
19. \$1,891.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for Medical Cardiology - Training Grant, under the direction of the Department of Medicine, for the period November 1, 1971 through June 30, 1972. (Grant No. 3 T01 HE05546-11S1)

B. The Ohio State University Development Fund

1. \$64,934.34 from the Associates of Medicine, Columbus, Ohio, for the Department of Medicine General Fund.
2. \$60,000.00 from The Kiplinger Foundation, Inc., Washington, D. C., for the Willard M. Kiplinger Professorship in Public Affairs in the School of Journalism.
3. \$28,000.00 from the Camille and Henry Dreyfus Foundation, Inc., New York, New York, for use of the Department of Chemistry for the development of new educational programs.
4. \$27,700.00 from the Trust under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.
5. \$22,954.16 from the Trust under the Will of Henry T. Ritter, Toledo, Ohio, for the establishment of the Henry T. Ritter Fund.

Henry T. Ritter Fund

The Henry T. Ritter Fund was established February 4, 1972, by the Board of Trustees of The Ohio State University with a bequest from Henry T. Ritter, late of Toledo, Ohio.

The bequest and all additional gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

5. Henry T. Ritter Fund (continued)

The annual income is to be used by the College of Agriculture and Home Economics for the advancement of horticulture insofar as it relates to the study of pot plants, through research, scholarships, and such other means as may be deemed practical and appropriate. The principal may be invaded and used if necessary or required.

6. \$20,415.00 from Bell Telephone Laboratories, Columbus, Ohio, for the Bell Telephone Laboratories Research Fund in the College of Engineering.
7. \$20,000.00 from an anonymous donor for the Novice G. Fawcett Professorship in Educational Administration.
8. \$20,000.00 from the C. R. Porthouse Charitable Trust and the Porthouse Foundation Income Account, Ravenna, Ohio, for the Joseph Koffolt Scholarship Award in Chemical Engineering.
9. \$19,111.37 from the Glenna R. Joyce Trust Scholarship Fund, Columbus, Ohio, for scholarships.
10. \$16,000.00 from the Edward C. and Hazel L. Stephenson Foundation, Grosse Pointe Woods, Michigan, for scholarships.
11. \$14,200.00 from General Motors Corporation, Detroit, Michigan, for the General Motors Scholarship Fund.
12. \$13,800.00 from the Ohio Electric Utility Institute, Columbus, Ohio, for its fellowship fund in the Department of Electrical Engineering.
13. \$12,000.00 from Battelle Memorial Institute, Columbus, Ohio, for the Battelle Professorship in Theoretical Chemistry.
14. \$10,934.00 from Children's Hospital - Dispatch Charities - Pro-Am Championship, Columbus, Ohio, for the Robert K. Barton Memorial Fund for the College of Law.
15. \$10,000.00 from Craig Corporation of Delaware, Inc., Newark, Ohio--\$5,000.00 for the College of Dentistry and \$5,000.00 for scholarships for students attending the Newark Campus.
16. \$10,000.00 from G. D. Searle & Company, Chicago, Illinois, for research in the College of Medicine.
17. \$10,000.00 from National/Ohio 4-H Foundation Campaign for its endowment fund.
18. \$10,000.00 from Parke, Davis & Company, Detroit, Michigan, for its research fund in the Department of Obstetrics and Gynecology.



February 4, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

19. \$10,000.00 from Sunshine Charities, Inc., Lakewood, Ohio, for the establishment of The H. T. Bradner Fund for the College of Law.

The H. T. Bradner Fund for the College of Law

The H. T. Bradner Fund for the College of Law was established February 4, 1972, by the Board of Trustees of The Ohio State University with a gift through The Ohio State University Development Fund from Sunshine Charities, Inc., of Cleveland, Ohio, made in memory of H. T. Bradner.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of the University, with the right to invest and reinvest as occasion dictates.

The income is to be used for the benefit of the College of Law, as determined by the Dean of said College, subject to established University procedures.

In the event that said College of Law as it now exists should be altered in any reorganization of the University, Colleges, Schools, and Departments, the Board of Trustees or successor governing body of the University shall direct the use of income within the field of Law as stipulated above, as recommended by the appropriate administrative official of the University then directly responsible for legal education at The Ohio State University.

20. \$9,985.75 from Mr. Carlyle M. Baker, Columbus, Ohio, as an undesignated gift to the University.
21. \$9,400.00 from Smith, Kline and French Laboratories, Philadelphia, Pennsylvania, for infectious disease research.
22. \$9,000.00 from The F. & R. Lazarus & Company, Columbus, Ohio, for the Center for Tomorrow Fund.
23. \$9,000.00 from The Refractories Institute, Pittsburgh, Pennsylvania, for research in the Department of Ceramic Engineering.
24. \$7,693.75 from Mr. and Mrs. Ralph W. Kurtz, Tampa, Florida, for the College of Medicine.
25. \$6,000.00 from the Estate of Arene T. Wray, Los Angeles, California, to establish a fellowship fund in the College of Optometry.
26. \$5,400.00 from The Upjohn Company, Kalamazoo, Michigan, for infectious disease research.

February 4, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

27. \$5,375.94 from the Estate of Dorothy Dye Henry, Columbus, Ohio, for the College of Veterinary Medicine.
28. \$5,243.75 from Miss Mary Lou Johnson, Kenton, Ohio, for the Ophthalmologic Center Fund.
29. \$5,075.00 from John D. Drinko, Cleveland, Ohio--\$4,000.00 for the College of Law Emergency Fund and \$1,075.00 to establish an endowed fund in the College of Law.
30. \$5,075.00 from Mrs. Ethel B. Peterson, Cleveland, Ohio, for a project to be designated at a later date.
31. \$5,050.00 from Mr. J. S. Reid, Cleveland, Ohio, for the College of Medicine.
32. \$5,022.00 from African American Institute, New York, New York, for the African American Fellowship Fund.
33. \$5,000.00 from Mr. Ervin G. Bailey, Easton, Pennsylvania, for the College of Engineering.
34. \$5,000.00 from Buckeye International Foundation, Columbus, Ohio, for the establishment of the Helen Reese Heimberger and William W. Heimberger Memorial Fund.

Helen Reese Heimberger and William W. Heimberger Memorial Fund

The Helen Reese Heimberger and William W. Heimberger Memorial Fund was established February 4, 1972, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from friends and colleagues of Helen Reese Heimberger, B.A. '16, and William W. Heimberger, B.E.M. '16, husband and wife, late of Columbus.

All gifts are to be invested in the University's Permanent Endowment Fund under the rules and regulations adopted by the Board of Trustees of the University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for the College of Engineering. At the request of Mr. and Mrs. Heimberger's family, preference in the use of the annual income is to be given to the College of Engineering's Department of Metallurgical Engineering.

Should the College of Engineering or the Department of Metallurgical Engineering cease to exist, through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for engineering education.

February 4, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

35. \$5,000.00 from the Clow Foundation, Chicago, Illinois, for research in the College of Medicine.
36. \$5,000.00 from Esso Education Foundation, New York, New York, for its fellowship in Chemical Engineering.
37. \$5,000.00 from Mr. Ralph Heffner, Jr., and the Heffner Construction Company, Celina, Ohio, for a project to be designated at a later date.
38. \$5,000.00 from Dr. James W. Keller, Springfield, Ohio, for research in the Department of Surgery.
39. \$5,000.00 from Mrs. H. Richard P. Niehoff, Columbus, Ohio, for blood research in the College of Medicine.
40. \$5,000.00 from Pharmacia Laboratories, Piscataway, New Jersey, for gastroenterology research.
41. \$5,000.00 from Robert B. Smith, Balboa Island, California, for the Alpheus W. Smith Lectureship Fund.
42. \$5,000.00 from Standard Oil (Indiana) Foundation, Inc., Chicago, Illinois--\$3,000.00 for distinguished teachers' awards and \$2,000.00 as an unrestricted gift to the University.
43. \$4,700.00 from the family, friends, and former students of Ernest R. Biggs for the establishment of The Ernest R. Biggs Memorial Fund.

The Ernest R. Biggs Memorial Fund

The Ernest R. Biggs Memorial Fund was established February 4, 1972, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from the family, friends, and former students of Ernest R. Biggs, B.S. Ed. '39, M.A. '41, Athletic Trainer at the University from 1942 to 1971, late of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of the University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for scholarships to students enrolled in the School of Health, Physical Education and Recreation and who have declared an intention to major in athletic training, a series of courses presently known as the Care and Prevention of Athletic Injuries. Recommendations are to be made by the Director of the School of Health, Physical Education and Recreation; awards are to be made by the University's Scholarship Committee.

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

43. The Ernest R. Biggs Memorial Fund (continued)

Should the need for these scholarships cease to exist or so diminish as to provide unused income, or should the School of Health, Physical Education and Recreation or the Scholarship Committee cease to exist, through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for the education of athletic trainers.

44. \$2,645.00 from the family, faculty colleagues, former students, and friends of Dr. Foster Rhea Dulles for the establishment of the Foster Rhea Dulles Memorial Fund.

Foster Rhea Dulles Memorial Fund

The Foster Rhea Dulles Memorial Fund was established February 4, 1972, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from the family, faculty colleagues, former students, and friends of Dr. Foster Rhea Dulles, a distinguished Professor of History at the University from 1941 until his retirement in 1965, who also served as Chairman of the Department from 1953 until 1958, late of Columbus, Ohio.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of the University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to advance teaching and research in American History, particularly in the history of the United States in the twentieth century, the area in which Professor Dulles made his major contribution as teacher and scholar. The specific uses may include, but are not limited to, scholarships, awards, research assistance and library acquisitions. Determination upon the use of the income is to be made by the Chairman of the Department of History in consultation with his faculty and upon approval of the Dean of the College of Humanities.

Should the Department of History or the College of Humanities cease to exist through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for teaching American History.

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February 4, 1972 meeting, Board of Trustees

V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization, all extra and credit orders to contracts which have been completed were reported:

A. Mansfield Technical Building

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$871,235.00	\$870,349.76	(\$ 885.24)

The changes on this project represent deviations from the original specifications due to conditions found during process of construction.

The credit on this project will be reflected in Item 315-060.

B. Pomerene Hall--Women's Swimming Pool and  
Ceiling and Lighting Improvements

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 22,140.00	\$ 24,637.00	\$2,497.00

The changes on this project represent deviations from the original specifications due to conditions found during process of construction.

Funds for these changes have been provided by Budget Account 124358 (Contract Repair).

Upon motion of Mr. Dunlap, seconded by Mr. Harrod, the above extra and credit orders to contracts and expenditures of funds were approved and the action of the Vice President for Administrative Operations was ratified by unanimous roll call vote.

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VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Administrative Operations, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

February 4, 1972 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

A. Airport Development--1971

This project will provide improvements to the airport facilities including extension of Runway 9R-27L, development of parallel training runway, new and resurfaced taxiways, additional aircraft parking areas, improved lighting, and connection for new State and National Guard hangars with the existing runway and taxiway complex.

Funds for this project will be provided in Budget Account 801249 contingent upon receipt of Federal Grant.

Upon motion of Mr. Dorsey, seconded by Mr. Hilliker, the above recommendation was approved by unanimous roll call vote and contingent upon receipt of the Federal Grant the Secretary was authorized and directed to sign the plans and specifications for the above project for and on behalf of the Board of Trustees. Vice President Lachner was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

B. Ohio Stadium, Intramural and Recreational Lighting System

This project will provide a floodlighting system capable of providing a light level on the football field and track facilities necessary for night intramural and recreational activities.

Funds for this project have been provided from Budget Account 999000 (Athletic Reserve) and transferred to Budget Account 801256 (Ohio Stadium Lighting).

C. Completion of Third Floor - Center for Tomorrow

This project entails the completion of the third floor which was not completed under the original building contract.

Funds for this project have been provided from private contributions.

D. Airport Building--Hangars No. 1, No. 2, and No. 3, Repair to Roof (3160 Case Road)

This project involves the removal and replacement of approximately 275 squares of roof and valleys on the three hangar roofs.

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

February 4, 1972 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

E. Biological Sciences Building--Air Conditioning  
Rooms 116, 120, 127, and 129

This project involves the installation of a ten-ton air conditioning system capable of serving Rooms 116, 120, 127, and 129. This system shall be separate from the building central air conditioning system.

Funds for this project have been provided from Budget Account 801137 (Biological Sciences Building).

F. Electrical System Repairs 1972--(Brown Hall,  
Hagerty Hall, Page Hall)

This project involves the installation of new service switchboards and panelboards with associated wiring necessary to serve the load requirements of the buildings.

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

G. Means Hall, Roof Repairs 1972

This project involves the installation of insulation and replacement of approximately 200 squares of roofing.

Funds for this project have been provided from Budget Account 801255 (Means Hall Roof).

H. Optometry Building, Improvements to Air Conditioning

This project will improve the environmental control for the building by increasing the heating and air handling capability of the central air handling system.

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

I. Roadway Repairs 1972--Roads South of  
Agricultural Administration Building

This project involves repair of the roadway parallel to the south side of the Agricultural Administration Building and Stadium Drive from the bridge to the intersection of Coffey Road. This repair is necessary because of the constant wear by large buses.

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

February 4, 1972 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

J. University Hospital, Renovation of 11th Floor West

This project will modernize the infectious disease area to conform to community standards and update services to comply with most recent medical practice.

Funds for this project have been provided from Budget Account 801257 (Air Condition and Remodel 11th Floor West).

Upon motion of Mr. Dorsey, seconded by Mr. Dunlap, the above recommendations were approved by unanimous roll call vote and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Lachner was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. Natatorium--Roof Repairs 1971 - 321 West 17th Avenue

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (4 bids received 12-3-71)		
Superior Roofing Company (Columbus)	\$45,555.00	\$91,100.00

Funds for this project have been provided by Budget Account 124358 (Contract Repair).

B. Goss Laboratory--Renovation of Rooms 219, 219A, 231A, and 231B

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (6 bids received 2-1-72)		
Waller & Lund, Inc. (Columbus)	\$ 4,970.00	\$11,977.00
<u>Plumbing Contract</u> (6 bids received 2-1-72)		
Julian Speer Company (Columbus)	\$ 9,960.00	\$26,100.00



February 4, 1972 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

B. Goss Laboratory--Renovation of Rooms 219, 219A, 231A, and 231B (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating, Ventilating and Air</u> <u>Conditioning Contract</u> (7 bids received 2-1-72)		
Julian Speer Company (Columbus)	\$20,220.00	\$36,365.00
<u>Electrical Contract</u> (9 bids received 2-1-72)		
Electric Power & Equipment Co. (Columbus)	\$ 8,726.00	\$14,821.00
<u>Total All Contracts</u>	<u>\$43,876.00</u>	<u>\$89,263.00</u>

Funds for this project have been provided from Budget Account 801183  
(Goss Laboratory Remodeling).

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations ratified by unanimous roll call vote.

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VIII. CONTROLLING BOARD REQUESTS

Each numbered request shown below accomplished the following purpose:

- 1 Approves the release of \$795,334.00 from Item 366-001 "Agricultural Technical Institute, The Ohio State University, Wooster," H. B. 988, to provide funds for equipment and contingencies to complete the project.
- 2 Approves the release of \$60,546.00 from Item 315-067 "University College, Phase III," H. B. 988, to provide funds to continue with planning on the project.
- 3 Approves the release of \$561,319.00 from Item 315-068 "College of Agriculture: Land, Barns and Teaching Facilities," H. B. 988, to provide funds for equipment and contingencies for the project "Animal Science Livestock Center." Also approves the award of three extra orders each in excess of \$10,000.00 without competitive bidding.
- 4 Approves the release of \$15,886.00 from Item 315-071 "College of Optometry Clinical Facilities," H. B. 988, to provide funds to continue with planning on the project.
- 5 Approves the release of \$39,556.00 from Item 315-064 "Journalism Building Expansion," H. B. 988, to provide funds to continue with planning on the project.

VIII. CONTROLLING BOARD REQUESTS (continued)

- 6 Approves the release of \$39,633.00 from Item 315-077 "Clinical Medical Sciences Education Facility," H. B. 988, to provide funds to continue with planning on the project.
- 7 Approves the release of \$51,268.00 from Item 315-074 "Utilities and Renovation," H. B. 988, to provide funds to continue with the various utility and renovation projects.
- 8 Approves the release of \$10,000.00 from Item 315-078 "University Hall Complex," H. B. 988, to provide funds to continue with planning on the project.
- 9 Approves the release of \$44,258.25 from Item 315-078 "University Hall Complex," H. B. 988, to provide funds to reimburse the University for the demolition of the old University Hall.

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IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

A. Airport Development - 1971, Employment of Engineer

The Board of Trustees has authorized Novice G. Fawcett, President of The Ohio State University, to submit application for grant funds for airport development under the Federal Aviation Administration Federal Aid Program Airport Development.

The Board of Trustees has further authorized Bernard J. Lachner, Vice President for Administrative Operations, to employ an engineer to develop schematic plans which are required for such an application.

The George W. Raike, Inc., Consulting Engineers, Ashland, Ohio, have been hired and have completed said schematic plans with accompanying preliminary drawings and detailed cost estimates.

The said application for aid has been submitted and has progressed satisfactorily through all processing steps and Federal sources assure that award of tentative grant agreement is imminent.

President Fawcett recommended that the Board of Trustees authorize and direct the Vice President for Administrative Operations, contingent upon receipt of said tentative grant, to proceed in the normal University manner to employ George W. Raike, Inc., to complete topographic surveys, finalize engineering design, prepare bidding documents, and provide resident supervision and inspection services.

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

A. Airport Development - 1971, Employment of Engineer (continued)

The fee for this service will be negotiated on the basis of the standard fee schedule for engineering service by the Ohio Department of Public Works and funds for this project will be provided in Budget Account 801249 (Airport Development) upon receipt of Federal Grant.

Upon motion of Mr. Gushman, seconded by Dr. Sirak, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote. This action is contingent on receipt of said tentative grant.

B. Demolition of Farm Buildings

The structures requested for demolition were as follows:

Artillery Barn, 2170 Olentangy River Road  
Artillery Cottage Garage and Shop, 2150 Olentangy River Road  
Beef Cattle Barn, 2027 Plumb Hall Court  
Dairy Cattle Barn, 1973 Plumb Hall Court  
Hog Barn, 2003 Plumb Hall Court  
Sheep Barn, 2053 Plumb Hall Court  
Quonset Huts (two) north of Artillery Barn, 2170 Olentangy River Road

As a result of the completion of the new Animal Science Livestock Centers, scheduled for construction completion, March, 1972, the above-named structures were recommended for demolition by the Vice President for Administrative Operations.

This demolition will be accomplished in the normal University manner with the schedule to be established by the Vice President for Administrative Operations at a total cost of \$47,000.00. Funds are available in Budget Account 124358 (Contract Repair).

Upon motion of Mr. Dunlap, seconded by Mr. Dorsey, the above recommendation was approved by unanimous roll call vote.

C. Sale of Property

The Industrial Nucleonics Corporation, whose corporate offices and principal facilities border The Ohio State University land, has requested an opportunity to purchase at fair market value a 15.922-acre tract of University property on the south side of Ackerman Road adjacent to their facilities. In initiating this request the President of this corporation informed the University that Industrial Nucleonics Corporation has lost land planned for future expansion to the Olentangy Freeway project which would preclude the further development of this Corporation and eventually necessitate relocation of the corporate headquarters unless other land could be obtained.

February 4, 1972 meeting, Board of Trustees

IX. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS (continued)

C. Sale of Property (continued)

The University is willing to consider the sale of this parcel of land at this time because of the need for additional financial resources to support the University's land acquisition program on the south edge of the main campus in conformity with the University Master Plan. Further, the University Master Plan has designated the parcel of land which Industrial Nucleonics is desirous of purchasing to remain undeveloped. A further consideration is the desire on the part of the University to continue a mutually beneficial relationship which this University and Industrial Nucleonics have and continue to enjoy.

Accordingly, representatives of the Industrial Nucleonics Corporation and The Ohio State University were asked to develop mutually agreeable conditions of sale including land usage restrictions so as to assure a full realization of the worth of this parcel of property by the University but at the same time assuring usage compatible with the immediately adjacent University activities.

President Fawcett recommended, subject to the approval of the Ohio General Assembly and the land use restrictions and all other general understandings mutually developed by the representatives of The Ohio State University and the Industrial Nucleonics Corporation, that a 15.922-acre parcel of University land on Ackerman Road adjacent to the Industrial Nucleonics facility be approved for sale to the Industrial Nucleonics Corporation for the sum of \$775,000, which is the highest of three MAI appraisals recently obtained.

Upon motion of Mr. Harrod, seconded by Mr. Dorsey, the Board of Trustees approved the sale of property by roll call vote with Messrs. Shocknessy, Dunlap, Eckley, Harrod, Dorsey, Gushman, and Dr. Sirak casting affirmative votes and Mr. Hilliker casting a negative vote.

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X. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Clarence Gratton Kemp, Professor in the College of Education; John M. Montz, Associate Professor Emeritus in the Department of Civil Engineering; Christine Newark, Professor Emeritus in the School of Home Economics; and Harry L. Strobel, Assistant Director of the Division of Recreation and Intramurals and Assistant Professor in the School of Health, Physical Education, and Recreation. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

February 4, 1972 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

A. Clarence Gratton Kemp

The Board of Trustees of The Ohio State University expresses its sorrow at the death on January 4, 1972, of Clarence Gratton Kemp, Professor in the College of Education.

Dr. Kemp was born June 15, 1905, in Lakefield, Ontario, Canada. He was graduated from the University of Toronto with a Bachelor of Arts degree in 1942. He received the Bachelor of Divinity degree from Union Theological Seminary, New York, in 1946. He received his Master of Arts and Doctor of Education degrees from Columbia University in 1947 and 1949 respectively. He received the Doctor of Philosophy degree from Michigan State University in 1957. He began his career in education in 1927 in Scarboro Bluffs Elementary Schools, Toronto, Canada. From 1931 to 1939, he was a teacher and assistant principal in Birch Cliff Heights High School, Toronto, Canada.

Dr. Kemp began his college teaching at Missouri Valley College in 1949. He was initially interested in human relations and was instrumental in promoting research pertaining to "open and closed mindedness." His scholarly work evolved into study, research, and authorship as it relates to the group process in counselor education. His applications encompassed schools, community agencies, and church settings.

Dr. Kemp was active in numerous organizations. He was a participant as lecturer and panel member in professional meetings of the American Psychological Association, American Personnel and Guidance Association, and American Educational Research Association. He was a Fellow in the American Association for the Advancement of Science.

Dr. Kemp continued his ministerial activities throughout his career in education. He was an active member of the Central Southeast Ohio Association, United Church of Christ.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

B. John M. Montz

The Board of Trustees of The Ohio State University expresses its sorrow at the death on October 27, 1971, of John M. Montz, Associate Professor Emeritus in the Department of Civil Engineering.

Professor Montz was born in Frederick, Maryland, on October 10, 1885. His family moved to Virginia where he received his secondary schooling. He received the Bachelor of Science degree from Brown University in 1911.

February 4, 1972 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

B. John M. Montz (continued)

Professor Montz served with an engineering detachment in World War I, entering the Army as a private and leaving with the rank of captain.

Following his return to civilian life, he held various engineering positions with the Baltimore and Ohio Railroad before joining The Ohio State University faculty in 1922. At the University he taught courses in surveying and structural design, and for a number of years he also held a part-time position as design engineer with the Bureau of Bridges of the Ohio Department of Highways.

About 1940 he formed a partnership with a colleague, Oscar Marshall, for the purpose of making land surveys in the Columbus area.

Professor Montz was a member of the National Society of Professional Engineers, American Society for Engineering Education, American Railway Engineers Association, and American Society of Civil Engineers, serving at one time as president of the Central Ohio Local Section of the latter.

Professor Montz co-authored a text entitled, Elements of Topographic Drawing, which enjoyed considerable popularity. His writings also included a number of articles on the structural uses of timber.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

C. Christine Newark

The Board of Trustees expresses its sorrow at the death on December 26, 1971, of Christine Newark, Professor Emeritus in the School of Home Economics.

Dr. Christine Newark was born in Charlotte, Michigan, on February 14, 1909. She received her baccalaureate degree at Michigan State University in 1930. In 1937 she received the M. A. degree from Columbia University. Her Ph. D. degree was received from Iowa State College in 1945.

Dr. Newark taught home economics for eight years at vocational high schools in Michigan. She served as Instructor and then Assistant Professor in Home Economics at Oklahoma A & M College, Stillwater, Oklahoma, from 1938 to 1941, teaching home management. She was a Graduate Assistant and faculty member at Iowa State University School of Home Economics from 1941 to 1945.

February 4, 1972 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

C. Christine Newark (continued)

Professor Newark was appointed to the faculty of the School of Home Economics at The Ohio State University in 1945 and served until her retirement in 1967. She pioneered in the teaching of consumer and family economics. Dr. Newark served as Chairman of the Division of Management and Family Economics in the School from 1946 to 1962. She served as national treasurer of Omicron Nu, home economics honorary, was a member of Phi Kappa Phi, and was listed in Who's Who of American Women.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family of Dr. Newark as a humble expression of the Board's heartfelt sympathy in its bereavement.

D. Harry L. Strobel

The Board of Trustees of The Ohio State University expresses its sorrow at the death on November 28, 1971, of Harry L. Strobel, Assistant Director of the Division of Recreation and Intramurals and Assistant Professor in the School of Health, Physical Education, and Recreation.

Prior to joining the Intramurals Division, Mr. Strobel was a member of the football coaching staff, having joined it in 1949. An Assistant Professor in the School of Health, Physical Education, and Recreation, Mr. Strobel served as freshman football and basketball coach in 1950-51 when he was moved to the varsity staff of Head Coach Woody Hayes.

Mr. Strobel's coaching career began at Brilliant, near Steubenville, where he coached football, basketball, and baseball for three years. Succeeding assignments took him to North Canton for a year, Louisville for a year, Orrville for five years, and Barberton for two seasons.

Mr. Strobel's Orrville football teams were undefeated in both 1939 and 1940. He held the distinction of winning state championships in both football and basketball, the former at Barberton in 1948 and basketball at Bellevue in 1945.

Mr. Strobel was born in Massillon, Ohio. He was graduated from high school in 1927 and entered Miami University where he was graduated in 1932 with a degree in education.

Mr. Strobel coached two all-American football players at Ohio State in successive years. Guard Jim Parker won all-American honors in 1955 and 1956 and Aurelius Thomas, another Strobel pupil, won similar honors in 1957.

February 4, 1972 meeting, Board of Trustees

X. RESOLUTIONS IN MEMORIAM (continued)

D. Harry L. Strobel (continued)

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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XI. REPORTS

A. Report from the Retirement and Insurance Committee

Mr. Gushman, Chairman of the Retirement and Insurance Committee, presented the following report and recommendations:

At the Board meeting on October 1, 1971, the Board of Trustees, upon the recommendation of the Retirement and Insurance Committee, awarded a contract to Alexander & Alexander, insurance consultants, for the purpose of making "a comprehensive study of the University's total insurance program." This past month the insurance consultants submitted their report to this committee which in turn made this information available to the administration of the University. A meeting was subsequently held with representatives of the University and Alexander & Alexander for the purpose of discussing the specific recommendations and findings contained in the report. Based upon the report and this meeting, the University has now responded to each of the recommendations and findings and the report as well as the University's response has been made available to the members of this Board.

In brief, the insurance consultants divided their review into three general categories:

1. Employee Benefit Program

Included in the recommendation in the area of employee benefits was the suggestion that the University should consider supplementing the existing state policy on sick leave and long-term disability benefits, and improvements in the University health programs, specifically major medical coverage and Blue Cross and Blue Shield coverages, including improvements in the deductible features. At the same time it was suggested that the University might wish to consider the development of personal group benefit programs as an additional employee benefit. A specific suggestion which your committee will request action on at the end of this report relates to the transfer of dividend accumulation funds presently held by John Hancock on behalf of the University to the University's investment portfolio. And finally, it was suggested that this University should undertake a more effective program in communicating to its employees the benefits presently available to them.



XI. REPORTS (continued)

A. Report from the Retirement and Insurance Committee (continued)

2. Student Health Insurance

Alexander & Alexander suggested that the existing student health insurance program of this University was one of the better ones available for the purpose and suggested that the development of any future contracts should be initiated between the user group, in this case represented by the Council on Student Affairs, and the various carriers starting October, 1972. In making recommendations to the administration of this University, it was suggested that the University continue to provide administrative support in the implementation of the student health insurance program.

3. General Insurance Coverages

In addition to a number of general recommendations, a fundamental question was raised in this category as to the extent of this University's liability as opposed to the self-insurance policy of the State of Ohio and the funds available for this purpose in the State Emergency Fund. It was suggested that the University might wish to consider a policy of insuring a number of its major facilities for the difference between the replacement value and the funds that might be provided through the State Emergency Fund in case of a major disaster. The University administration has agreed to review this matter in specifics and to bring back to this committee its analysis and recommendations for consideration and subsequent action. At the same time, upon the recommendation of the insurance consultants, the University has agreed to step up its program of facility review and modification where feasible to minimize risks as a supplemental measure to its insurance programs.

As Chairman of the Committee, and on behalf of the other Committee members, Mr. Dorsey and Dr. Sirak, Mr. Gushman presented the following recommendations:

1. That the report of the insurance consultants, Alexander & Alexander, be received by this Board and that the voucher submitted in the amount of \$12,500 be authorized for payment.

February 4, 1972 meeting, Board of Trustees

XI. REPORTS (continued)

A. Report from the Retirement and Insurance Committee (continued)

2. That the University's response to these recommendations be received by the Board and that the administration be requested to make a comprehensive analysis of these recommendations in the specific areas where indicated in the University's response, and report to the committee with appropriate recommendations for the committee's consideration and action.
3. That the University Treasurer be authorized to withdraw the funds from the dividend accumulation fund presently being held by the John Hancock Company on behalf of the University with the exception of those monies required for the claim stabilization reserve account. Further to invest this sum through the University's investment portfolio for the purpose of increasing the earnings through investment accumulation and expense savings and continued support of employee and the University insurance programs.
4. That any and all previous designations of insurance consultants made by the Board of Trustees be revoked and that the administration of the University be directed to make such designations in the future.

Upon motion of Mr. Gushman, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendations by unanimous roll call vote.

B. Report on the University's Investment Portfolio

The report dated February 3, 1972, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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Thereupon the Board adjourned to meet Friday, March 3, 1972, at The Ohio State University, Columbus, Ohio, at 1:30 p.m.

Attest:

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Edward Q. Moulton  
Secretary

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James W. Shocknessy  
Chairman

APPENDIX V

Revision of Rules 29.2725 and 51.03, the Deletion  
of Section 4 of Rule 45.03 and Rule 51.05,  
and the Addition of Rule 29.2726  
to Rules for the University Faculty

Approved by Faculty Council  
November 9, 1971  
December 15, 1971

Adopted by Board of Trustees February 4, 1972  
(See page 378)

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Revision of Rules 29.2725 and 51.03, the Addition of Rule 29.2726, and the Deletion of Section 4 of Rule 45.03 and Rule 51.05 of Rules for the University Faculty

The Faculty Council on November 9, 1971, approved a revision of Rule 29.2725 and the addition of a new Rule 29.2726 of Rules for the University Faculty. The text of the Rules is as follows:

29.2725. Hearing Officers and Panels.

Section 1. The Council on Student Affairs shall recommend to the President, subject to the approval of the Board of Trustees, a list of attorneys, unaffiliated with the University, who shall be authorized to act as hearing officers to preside over disciplinary proceedings under Rule 51.03. One such attorney shall be designated by the President as Chief Hearing Officer, whose duties shall include:

- (a) Assisting the Council on Student Affairs in preparing and enacting procedural rules to guarantee due process, including, but not limited to, the procedural recommendations contained in the Report and Recommendations of the University Committee on Rights and Responsibilities (The Ohio State University, September 15, 1968);
- (b) Selecting Hearing Officers as needed from the approved list;
- (c) Reviewing every case in which sanctions have been recommended, to determine whether such sanctions should be imposed or reduced, or whether the case should be dismissed or remanded for further hearing;
- (d) Forwarding completed cases to the Vice President for Administrative Operations for administrative implementation in accordance with their final determination by the Chief Hearing Officer;
- (e) Hearing on appeal student disciplinary cases, not including University actions relating to academic failure or violations of a code of professional ethics or of an honor code of those colleges or academic units having such codes, where an appeal is taken by any student from any such action by his College, University Committee, or other properly authorized University adjudicatory body, only in those cases where the penalty assessed was suspension, dismissal, or expulsion.

Section 2. That an array of Hearing Panelists, large enough to allow at least three panels, shall be selected by lot consisting of:

- (a) Faculty members,
- (b) Undergraduate students,
- (c) Graduate and professional students, and
- (d) Administrative staff members.

Any person selected to serve as Hearing Panelist may be exempted from such service if he declines.

Revision of Rules 29.2725 and 51.03, the Addition of Rule 29.2726, and the Deletion of Section 4 of Rule 45.03 and Rule 51.05 of Rules for the University Faculty (continued)

29.2725. Hearing Officers and Panels. (continued)

The Chief Hearing Officer shall, by lot, select from the array Hearing Panels, each composed of two faculty members, two undergraduate students, one graduate or professional student, and one administrative staff member. The Hearing Panels shall have original jurisdiction to hear cases of alleged student violation of Rule 51.03 brought before it by authorized University officials, make findings of fact, determine a verdict, and, in the event of a guilty verdict, to recommend sanctions.

The University and the Defendant shall have the right to challenge for cause. The Hearing Officer shall hear challenges for cause.

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29.2726. Pending Criminal Law Suit.

Section 1. Whenever a criminal court exercises jurisdiction over acts which allegedly constitute a disruption by University rules, the University shall not exercise jurisdiction, except that in extraordinary cases, where there is a clear and present danger of repeated or continued violation of the disruption rule, the University may bring the student before a Hearing Officer and Panel to find whether he poses such a danger. If the Panel finds that he does, it shall recommend that the continued enrollment of the student be dependent on his being placed on strict disciplinary probation, under such terms and conditions as the Hearing Officer may specify (except that the student may not be deprived of University scholarship, loan, grant-in-aid, or employment). The term of probation shall last until such time as the Hearing Officer shall, on his own initiative or upon petition by the student, find that the danger no longer exists. If the student is alleged to have violated probation, he will be subject to an immediate hearing before a Hearing Officer, and if found guilty of violating probation, be temporarily suspended or dismissed from the University pending a full hearing.

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On December 15, 1971, the Faculty Council approved a revision of Rule 51.03 and the deletion of Section 4 of Rule 45.03 and Rule 51.05. The text of Rule 45.03 and Rule 51.03 as revised is as follows:

45.03. Group Absences.

Section 1. Whenever possible, group absences shall be planned so that they do not conflict with regularly scheduled classes.

Section 2. Group absences which are a necessary part of a class scheduled in the University must be authorized by the Chairman of the Department or Director of the School in which the class is scheduled. Group absences which are a necessary part of a non-class function of the University must be authorized by the Office of the Dean of Students who coordinates all student activities. In the latter instance, the person authorizing the absence shall file in the Office of the Dean of Students, a letter containing (1) a list of names of all of the students involved, (2) the dates and times of the absence, and (3) a complete explanation of the purpose of the absence. The person authorizing the absence shall distribute a copy of this letter to each student involved in the group absence.

45.03. Group Absences. (continued)

The student may then present his copy of the letter to each instructor of the classes from which the student will be absent. This letter may be the basis of an excuse for an absence from class under the policies provided in Rule 45.01.

Section 3. In all instances of group absences in which women students will be absent from the University before 6:30 A.M. and after 12:00 P.M., the Dean of Students who coordinates student activities should be notified in advance of the names of all women students involved.

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51.03. Disruption.

Section 1. No student, faculty, staff, visitor, or other person shall, with an intent to disrupt University authorized activities:

- (a) obstruct the lawful movement of any person or persons about the campus, into or out of any University building or facility, or within any University building or facility and fail to desist when so ordered by an authorized University official;
- (b) obstruct the movement of vehicular traffic on the streets of the University, and fail to desist when so ordered by an authorized University official;
- (c) occupy a University building or facility in such a manner as to prevent others from carrying out University authorized activities and fail to depart when informed by an authorized University official that he is disrupting University authorized activities and must depart;
- (d) interfere with the conduct of a class, office, laboratory, or other University authorized activity by shouting, chanting, marching, throwing missiles, or otherwise creating such a disturbance that the authorized activity cannot, in the judgment of an authorized University official, be carried on, and fail to desist when so ordered by an authorized University official;
- (e) employ force or violence, or the explicit threat of force or violence, to prevent any person or persons from carrying out University authorized activities;
- (f) damage public address systems, television sets, laboratory equipment, computer systems, or other property used for the carrying out of University authorized activities;
- (g) solicit any person or persons to violate subsections (a) through (f) of this rule, knowing that there is a clear and present danger that such violations will occur (but a person shall not be charged with soliciting unless a violation of subsections (a) through (f) occurs as a result of his solicitation).

51.03. Disruption. (continued)

- (h) This rule shall not be interpreted as proscribing peaceful demonstrations, peaceful picketing, a call for a peaceful boycott of classes, or other forms of peaceful dissent.

Any student found guilty of the conduct proscribed in subsections (a) through (g) shall be subject to maximum sanction of dismissal or any lesser disciplinary sanction pursuant to Rule 29.2725.

Non-students charged with the conduct proscribed in subsections (a) through (g) shall be referred to an appropriate authority.

Section 2. Definitions.

- (a) The phrase "with an intent to disrupt" shall be taken to mean that a person knows or reasonably should know that his act or acts will have the consequence of preventing others from carrying out University authorized activities.
- (b) The phrase "to obstruct" shall be taken to mean making the movement of a person or vehicle from one place to another difficult or impossible; it shall not be taken to mean making that movement inconvenient.
- (c) The phrase "University authorized activity" shall be taken to mean any activity that the University conducts, sponsors, or permits to be carried out on the campus or in any University building or facility.
- (d) The phrase "an authorized University official" shall be taken to mean any person to whom the University has delegated authority to supervise a building or facility, or any part of a building or facility, or to supervise the movement of people and vehicles on the campus.
- (e) The phrase "campus" shall be taken to mean University owned or controlled property.

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## APPENDIX VI

Revision of Rules 13.09, 27.0701, 27.0703, 27.0705,  
27.09 and the Deletion of Rule 29.2707  
of Rules for the University Faculty

Approved by Faculty Council  
December 15, 1971

Adopted by Board of Trustees February 4, 1972  
(See page 379)

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Revision of Rules 13.09, 27.0701, 27.0703, 27.0705,  
27.09 and the Deletion of Rule 29.2707

On December 15, 1971, the Faculty Council approved the revision of Rules 13.09, 27.0701, 27.0703, 27.0705, 27.09 and the deletion of Rule 29.2707 of Rules for the University Faculty. The text of the foregoing rules as listed is as follows:

13.09. Research Institutes: Establishment and Administration.

Research Institutes shall be established or abolished by the Board of Trustees upon recommendation of the Graduate Council and Faculty Council. Each Research Institute shall be administered by a Board having such membership and authority as determined by the Graduate Council (see Rule 27.0705) and approved by the Faculty Council and the Board of Trustees.

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27.0701. Membership.

There shall be a Graduate Council constituted as follows:

- (a) Chairman. The Vice Provost for Graduate Affairs and Dean of the Graduate School shall be the Chairman of the Graduate Council.
- (b) Elected Faculty Members. Forty members of the Graduate Faculty, four elected by the regular members of the Graduate Faculty from each of the ten areas. The individual areas, as below defined, shall be composed of the following Colleges, Schools, and Departments:
  - (1) Administrative Sciences: Accounting, Business Administration, Public Administration, Social Work.
  - (2) Agricultural Sciences: Agricultural Education, Agricultural Engineering, Agronomy, Animal Science, Dairy Science, Dairy Technology, Home Economics, Horticulture, Natural Resources, Plant Pathology, Poultry Science.
  - (3) The Arts: Art, Art Education, Dance, Design, History of Art, Music, Theatre.
  - (4) Biological Sciences: Biochemistry, Biophysics, Botany, Entomology, Genetics, Microbiology, Zoology.
  - (5) Education: Education, Health, Physical Education and Recreation.
  - (6) Engineering Sciences: Aeronautical and Astronautical Engineering, Architecture, Ceramic Engineering, Chemical Engineering, City and Regional Planning, Civil Engineering, Computer and Information Science, Electrical Engineering, Engineering Mechanics, Industrial Engineering, Mechanical Engineering, Metallurgical Engineering, Mineralogy, Nuclear Engineering, Welding Engineering.

27.0701. Membership. (continued)

- (7) Humanities: Classics, East Asian Languages and Literatures, English, German, History, Linguistics, Philosophy, Romance Languages and Literatures, Slavic Languages and Literatures.
  - (8) Physical Sciences and Mathematics: Astronomy, Chemistry, Geodetic Science, Geology, Mathematics, Statistics, Physics, Physiological Optics.
  - (9) Professional Biological Sciences: Allied Medical Professions, Anatomy, Anesthesiology, Dentistry, Medical Microbiology, Medicine, Nursing, Obstetrics and Gynecology, Ophthalmology, Otolaryngology, Pathology, Pediatrics, Pharmacology, Pharmacy, Physical Medicine, Physiological Chemistry, Physiology, Preventive Medicine, Psychiatry, Radiology, Surgery, Veterinary Anatomy, Veterinary Clinical Sciences, Veterinary Microbiology and Parasitology, Veterinary Pathology, Veterinary Physiology and Pharmacology, Veterinary Preventive Medicine.
  - (10) Social and Behavioral Sciences: Agricultural Economics and Rural Sociology, Anthropology, Economics, Geography, Journalism, Political Science, Psychology, Sociology, Speech.
- (c) Alternate Faculty Members. Each faculty member of the Graduate Council is expected to attend its meetings regularly but alternate representatives shall be elected for each area in order to assure full attendance at meetings when elected faculty members are justifiably absent. When an elected member is off duty or unable to attend a meeting of the Graduate Council he shall notify the Secretary of the Graduate School in advance of the meeting, giving the name of the alternate who will represent him. The alternate shall then have the general powers and privileges in the Graduate Council of the person whom he represents.
- The unsuccessful candidates for election shall constitute a panel of alternates in each area, in the order of votes which they received in the election. Service as an alternate does not make the alternate ineligible for election to membership in the Council the following year.
- (d) Student Members. Eleven graduate students and one professional student, the latter to serve on the Research Committee, appointed by the President of the Council of Graduate Students with the consent of that body. These members shall serve terms of one year and shall be eligible for at most three consecutive terms. (See Rule 53.0705.)

27.0701. Membership. (continued)

- (e) Alternate Student Members. Each student member of the Graduate Council is expected to attend its meetings regularly but an alternate representative shall be appointed for each student member in order to assure full attendance at meetings when appointed student members are justifiably absent. When a student member is unable to attend a meeting of the Graduate Council, he shall notify the Secretary of the Graduate School in advance of the meeting, giving the name of the alternate who will represent him. The alternate shall then have the general powers and privileges in the Graduate Council of the person whom he represents.

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27.0703. Elections.

Section 1. Members shall be elected from each of the ten areas defined in Rule 27.0701 for staggered terms of four years and shall be ineligible for re-election for one year thereafter.

Section 2. Elections shall be administered and supervised by a Graduate Council Elections Committee which shall be composed each year of the ten area members then retiring. This committee shall have power to make final rules on all matters not specifically covered by these rules. Elections shall be held in the Spring Quarter of each year for terms beginning with the following Autumn Quarter.

There shall be a Graduate Council Nominating Committee in each area consisting of the retiring member of the Graduate Council representing that area, as chairman, and the chairman of the graduate committee for each Department in that area, or, in the absence of such a committee, the Department Chairman or his designated representative as members. The committee shall make a minimum of four nominations for its area, including additional nominations received by petition from any six or more members of the Graduate Faculty of the area concerned. The area nominating committee shall prepare and mail the election ballot to each member of its graduate faculty. The election ballots shall be cast by mail directly to the Graduate Council Elections Committee and shall be counted by that committee. The person or persons receiving the highest number of votes shall be elected to the vacancy or vacancies existing at the time of the election.

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27.0705. Powers and Functions.

The Graduate Council shall be the principal legislative body of the Graduate School and, subject to modification or reversal by the Graduate Faculty, shall have the following powers and functions:

27.0705. Powers and Functions. (continued)

- (a) To initiate and to act upon any question affecting the policies of the Graduate School and in connection therewith to make appropriate recommendations on all matters affecting these policies.
- (b) To establish rules and regulations for the conduct of the educational facilities of the Graduate School. However, any action which will result in a change of an existing rule or the establishment of a new rule, shall be proposed at one meeting of the Graduate Council and acted upon at a subsequent meeting designated for that purpose.
- (c) To approve, modify, or reverse any action taken by the Curriculum Committee, the Executive Committee, the Policy and Standards Committee, or the Research Committee.
- (d) To oversee the area representation plan established by Rule 27.0701; more specifically, (1) to make assignments of new departments to existing areas; (2) to review petitions of departments requesting change from one area to another; and (3) to review the entire composition at such intervals as it deems necessary.
- (e) To adopt requirements for admission subject to the approval of the Faculty Council and the Board of Trustees.
- (f) To submit to the Council on Academic Affairs its recommendations concerning College proposals for the adoption of new courses and curricula involving graduate credit or the alteration or abolition of existing ones.
- (g) To adopt and abolish academic degrees administered by the Graduate School subject to the approval of the Council on Academic Affairs, the Faculty Council, President, and the Board of Trustees.
- (h) To recommend to the Faculty Council and the Board of Trustees candidates for degrees.
- (i) To encourage and stimulate research and scholarly activity, and assist in obtaining support.
- (j) To provide a communications channel between faculty and those responsible for obtaining and administering research funds.
- (k) To advise on all major research fund allocations, and on all matters of University Planning that affect research.
- (l) To ensure that the research needs of the University are adequately represented in the formulation of the University's plans, policies, and budgets.

27.0705. Powers and Functions. (continued)

- (m) To be responsible, under authority delegated by the Faculty Council, for making recommendations concerning the establishment, affiliation, and abolition of research institutes, centers engaged in research activities, and other comparable organizations, and for determining the membership and authorities of their boards or governing bodies. (See Rule 13.09).

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27.09. Committees.

Section 1. There shall be an Executive Committee, a Curriculum Committee, a Policy and Standards Committee, and a Research Committee, each constituted as follows:

- (a) Chairman. The Vice Provost for Graduate Affairs and Dean of the Graduate School or his designee shall be Chairman of each Committee.
- (b) Regular Members. The Graduate Council shall select the members of each Committee from its membership. The manner of selection and the tenure shall be determined by the members of the Graduate Council, except that each of the areas outlined in Rule 27.0701 must be represented by a faculty member on each Committee.
- (c) Student Members. There shall be three members of the Executive Committee, the Curriculum Committee, the Policy and Standards Committee, and the Research Committee selected by the Graduate Council from its student membership. One member of the Research Committee shall be a professional student. The manner of selection and the tenure shall be determined by the members of the Graduate Council.

Section 2. The Curriculum Committee shall perform the functions specified in Rule 31.0201.

Section 3. The Executive Committee and the Policy and Standards Committee shall perform the functions assigned to them by the Graduate Council.

Section 4. The Research Committee shall be responsible to the Council for the following:

- (a) To become familiar with the research activities carried on by the University faculty and staff and with available and potential sources of research support.
- (b) To foster existing research and to stimulate the development of new programs.

27.09. Committees. (continued)

- (c) To study and recommend policies with respect to research activities, facilities, personnel, University organization, and plans for future development.
- (d) To provide advice and information concerning research activities and available resources and to be available to any faculty member or group to assist in planning and obtaining support for research.
- (e) To consult regularly with departmental, college and University officials responsible for fostering research and scholarship. Meetings of the committee with representatives of research interests in each college, with representatives of research agencies in the University, and with others who express an interest in discussing research policies shall be no less frequent than once each academic quarter.

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29.2707. Research Council.

Revoked.

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND SEVENTY-FOURTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, March 3, 1972

The Board of Trustees met at its regular monthly meeting on Friday, March 3, 1972, at The Ohio State University Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: James W. Shocknessy, Chairman, Don M. Hilliker, William C. Safford, John H. Dunlap, M. Merle Harrod, John L. Gushman, and Howard D. Sirak.

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Minutes of the last meeting were approved.

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REPORT BY CHAIRMAN

A. Report on Consultative Committee to Advise in the Selection of a President

Mr. Shocknessy made the following statement:

I want now to take special notice of the attendance here of the members of the Consultative Committee to Advise in the Selection of a President which we familiarly call the Presidential Search Committee. The members of this Committee and the members of our Board "broke bread" together today. That was the first occasion that we all have been together since the Committee was formed. The members of our Board have had occasion to develop great respect, not only for the Committee and its members, but for its monumental work and dedication. After meeting many times, the Committee last December forwarded to this Board a recommended list of names which was highly respected by the Board. At the last meeting I indicated, in behalf of the Board, that the Board wished to have additional names to consider and accordingly the Board had requested the Search Committee to reconvene for this purpose. It is our understanding that the Search Committee was reconvened on February 10 and has subsequently met three times and is today in the process of deliberating.

At the February 10 meeting of the Committee which I convened because Mr. John G. Ketterer, its Chairman, was unable to be present and I thereupon designated Mr. Jacob E. Davis to act as Chairman of the Search Committee for that meeting. At the same meeting, I also designated Mr. Davis to serve as Vice Chairman of the Search Committee until today's meeting of the Board. At the meeting of the Committee on February 23, when Mr. Ketterer was still unable to be present and Mr. Davis was also unable to be present, the Search Committee organized itself and designated Dr. Margaret Mordy to serve as Chairman for that meeting. Accordingly, I shall ask the Board to ratify those three actions.

Now I also wish to mention that since the last meeting, Mr. Ketterer, has advised that for personal reasons he will no longer be able to serve on the Committee. Also since the last meeting, Mr. Jerome Friedman, a member of the Committee, for personal reasons, has submitted his resignation. I want to say that the Board is grateful to Mr. Ketterer for the many years of service to this University of which he is a most distinguished alumnus. We take notice of the service he has given to this University as a member of this Board, and of many University committees, including his most recent service as Chairman of the Presidential Search Committee.

March 3, 1972 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

A. Report on Consultative Committee to Advise in the Selection of a President (continued)

Mr. Shocknessy's statement (continued)

Mr. Friedman was a representative of a constituency and he served it with distinction. Members of the Search Committee who served with him have spoken highly of his service.

On my own motion I shall now ask for the ratification of the appointment of Mr. Davis to serve as Chairman of the Search Committee for the meeting of February 10; the ratification of the three actions which I have just reported to you and which I took on behalf of the Board on February 10, 1972, and which the Committee took on February 23, 1972, as well as the acceptance of the resignation of Mr. Ketterer and of Mr. Jerome Friedman. The motion is seconded by Mr. Safford and the resolution adopted by unanimous roll call vote.

Now it is necessary that we have someone to assume the Chairmanship of the Search Committee to succeed Mr. Ketterer. Fortunately there are many members of that Committee eminently competent to serve in this capacity but because he has been so thoroughly involved in the business of the Committee and because of his special capacity as well as wisdom and diligence, it is hoped that Mr. Davis will serve as Chairman of the Search Committee. Accordingly I move his appointment as Chairman of the Committee and I accept Mr. Safford's second. The motion is adopted by unanimous roll call vote.

At this time I want to restate some considerations which have previously been discussed by this Board. We respect the membership of the Committee and its wisdom, and we expect to be guided by the Committee. It is not now nor has it ever been the intention of this Board unilaterally to seek a President to succeed our distinguished President, but rather it continues to be the desire of this Board to be guided by the choices of the Presidential Search Committee, in spite of the fact that we hear from time to time that the Board may unilaterally interview and consider other persons. The Board has not done that hitherto nor shall the Board do it hereafter so long as its task can be accomplished within the guidelines established by the Board through the Presidential Search Committee. The Presidential Search Committee is diligently at work and we have been assured that the Search Committee will be giving us some further recommendations in due course. We shall give these recommendations our fullest consideration, since it has always been our purpose to select a President from those recommended by the Search Committee. No limitations have been placed

March 3, 1972 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

A. Report on Consultative Committee to Advise in the Selection of a President (continued)

Mr. Shocknessy's statement (continued)

upon the Search Committee. Further, we have heard from time to time that the Search Committee has been instructed not to consider a prospect from one or another possible source. That the Board has not done. The Board has approved the guidelines which the Search Committee established for itself and the Board is entirely satisfied with the conduct of the Search Committee. We have no doubt that the Search Committee will produce a President.

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APPEARANCES

A. Mr. Jeffrey Yapalater

Mr. Jerome Friedman had requested time to speak but was unable to appear. Mr. Yapalater requested permission to speak in his place. Mr. Shocknessy assented. Mr. Yapalater then inquired as to the status of the proposal which Professor Julian Markels made at the February Board meeting for a second campus election to select a new President. Mr. Yapalater was informed by the Chairman that the Board was not entertaining the proposal favorably.

Mr. Yapalater then requested that the Community Union activities be housed in the University-owned house located at 206 East 16th Avenue. (This request was in effect denied in a subsequent action by the Board in which the decision was made to sell the house and use the funds in support of scholarships as set forth in the bequest through which the University received the property.)

B. Dr. William E. Hall

Mr. Shocknessy indicated that he had asked Dr. William E. Hall, Director of the School of Journalism, to be present for the meeting for the purpose of calling to his attention the importance of accuracy in the news published in the Lantern. He stated that following the February 4, 1972 meeting he was misquoted in a Lantern article which was subsequently followed by a Letter to the Editor in the Lantern which contained the same misinformation. The error was subsequently retracted and a correction published. Dr. Hall indicated that the Lantern is happy to correct errors which are called to the attention of the staff.

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MINNESOTA INCIDENT

Mr. Shocknessy stated that he personally would hope there would be a re-examination of the structure of the Western Conference as a result of the January 25 basketball incident at the University of Minnesota.

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March 3, 1972 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Establishment of New Program Leading to Bachelor of Science in Natural Resources Degree

The Faculty Council on February 8, 1972, upon the recommendation of the Council on Academic Affairs, approved for transmittal to the Board of Trustees the request for a program leading to the Bachelor of Science in Natural Resources degree in the College of Agriculture and Home Economics, effective July 1, 1972.

The School of Natural Resources was established in 1968, developing out of a Natural Resources Institute and a previous interdepartmental conservation curriculum in the College of Agriculture and Home Economics. The School offers professionally oriented education programs leading to employment in the broad field of natural resources management with a primary objective of developing personnel qualified to perform in managerial, research, and educational roles in natural resources. The need for greater visibility is indicated by enrollment increases, student requests, and employment opportunities.

President Fawcett recommended that the program leading to a degree Bachelor of Science in Natural Resources be approved and that pursuant to Section 3333.04 of the Revised Code of Ohio that this recommendation be forwarded to the Ohio Board of Regents for approval.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

B. Combining of the Department of Geology and the Department of Mineralogy Into a Department of Geology and Mineralogy

The Faculty Council on February 8, 1972, upon the recommendation of the Council on Academic Affairs, approved the merger of the Department of Mineralogy presently located in the College of Engineering and the Department of Geology which is a part of the College of Mathematics and Physical Sciences into the Department of Geology and Mineralogy, effective July 1, 1972.

The College of Mathematics and Physical Sciences and the Council on Academic Affairs accept the present curricula of the Department of Geology and the Department of Mineralogy for inclusion in the curriculum of the combined Department.

The new Department will continue to offer those courses, now given in the Department of Mineralogy, which are required or recommended in the undergraduate and graduate programs of other departments in the College of Engineering.

March 3, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Combining of the Department of Geology and the Department of Mineralogy Into a Department of Geology and Mineralogy (continued)

President Fawcett recommended that the foregoing recommendation from the Faculty Council be approved.

Upon motion of Mr. Harrod, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

C. Honorary Degree

The Faculty Council on February 8, 1972 recommended that the honorary degree of Doctor of Humane Letters be conferred on Howard Hanson at an appropriate future Commencement mutually agreeable to the University and the recipient.

President Fawcett recommended that the Board of Trustees approve the awarding of the above-named degree as approved by the Faculty Council.

Upon motion of Mr. Dunlap, seconded by Mr. Safford, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

D. Degrees and Certificates Conferred--Winter Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Winter Quarter Commencement Convocation on March 17, 1972, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the Faculty Council. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix VII, page 471.)

Upon motion of Mr. Harrod, seconded by Dr. Sirak, the Board of Trustees approved the above recommendation by unanimous voice vote.

E. The Faculty Club

The Faculty Club's Board of Control and the Administration of this University propose that \$25,000 in non-appropriated funds be provided in order to compensate the Faculty Club against the \$90,750 contributed by the Club to build the Faculty Assembly Building should that facility ever be put to any other use.

President Fawcett recommended that the Board of Trustees approve \$25,000 from Account 152550, Equipment and Space Rental, to be made available to the Faculty Club subject to the foregoing agreement.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the Board of Trustees approved the above recommendation by unanimous roll call vote.



March 3, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

F. Clarification of Fees for Part-Time Students

In order to clarify the action of the Board of Trustees on July 30, 1971, President Fawcett recommended that the fees for part-time students (those enrolled for six or fewer credit hours) or enrolled for one term of a Summer Quarter (with nine or fewer credit hours) shall be assessed at one-half of full fees. When fees are not evenly divisible, they shall be assessed to the next even amount.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

G. Revision in Policy for Establishment of "Named Chairs" and "Named Professorships" and Redesignation of These Programs as "Endowed Chairs" and "Endowed Professorships"

On January 14, 1965, the Board of Trustees approved the establishment of "Named Chairs" and "Named Professorships" and approved a description of these two new programs. This action was taken to encourage private giving for these faculty positions.

At their meeting on February 11, 1972, upon proper motion, the Board of Directors of The Ohio State University Development Fund recommended that the University redefine and update these programs by Board of Trustees' action, establishing the following new designations in order to encourage increased private support and to recognize the generosity of individual, corporate, and foundation support:

Endowed Chairs

Support in the amount of \$600,000 or more will be recognized by establishment of a permanent Chair which will provide a living memorial to the donor and bear his name or an appropriate name of his designation. The fund will be invested in the University's endowment portfolio, and the income will be used to provide salary or program support for truly distinguished scholars in the academic field of the donor's interest.

Endowed Professorships

Support in the amount of \$150,000 or more will be recognized by the establishment of a permanent Professorship which will provide a living memorial to the donor and bear his name or an appropriate name of his designation. The fund will be invested in the University's endowment portfolio and the income will be used to supplement the salary or provide program support for an outstanding member of the faculty in the donor's academic field of interest.

Designated Chairs and Professorships

Annual support of \$30,000 or more will be recognized by designating a Chair for a specific term which will bear the name of the donor or an appropriate name of his designation. Similarly, annual support of \$10,000 or more will

March 3, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

- G. Revision in Policy for Establishment of "Named Chairs" and "Named Professorships" and Redesignation of These Programs as "Endowed Chairs" and "Endowed Professorships" (continued)

Designated Chairs and Professorships (continued)

be recognized by designating a Professorship bearing the donor's name or a name of his designation. The donor will ordinarily be expected to guarantee support for a minimum period of three years. Annual funds provided for a designated Chair or Professorship will be used to attract distinguished faculty and to provide salary or special program support in the academic area of a donor's interest.

Visiting Professorships

The University will establish a Visiting Professorship in any field for a period of one academic quarter or longer if the contributed support is sufficient to cover all of the costs for the Visiting Professor. It is also possible to establish a permanent Visiting Professorship by creating an endowed fund for this purpose or by pledging annual support sufficient to meet the full costs of the position. Visiting Professorships will bear the name of the donor or an appropriate name of his designation.

Named Funds for Academic Enrichment

The University will separately identify with the donor's name or an appropriate designation of his choice any contribution of \$5,000 or more which is given for the purpose of providing support for faculty or programs in an academic area of the donor's interest or for general support in areas to be designated by the University.

Authority

The recommending authority, as well as the authority to make exceptions to the above regulations, shall be the Provost of the University.

President Fawcett recommended that the above definitions and policies for "Endowed Chairs," "Endowed Professorships," "Designated Chairs and Professorships," "Visiting Professorships," and "Named Funds for Academic Enrichment" be adopted and made effective this date but not to apply to prior legal documents or agreements made according to earlier established criteria.

Upon motion of Mr. Dunlap, seconded by Mr. Safford, the Board of Trustees approved the above recommendation by unanimous voice vote.

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II. PERSONNEL CHANGES

Personnel changes since the February 4, 1972 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Appointments, Changes in Title, and Emeritus Title:

March 3, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Appointments

Jules B. LaPidus, Associate Dean for Research and Development, Graduate School, effective July 1, 1972, at a salary of \$24,168.00 per annum.

C. Roger Smith, Professor and Chairman, Department of Veterinary Physiology and Pharmacology, effective April 1, 1972, at a salary of \$30,012.00 per annum.

Paul G. Craig, Professor, College of Administrative Science - Public Administration, effective October 1, 1972, at a salary of \$25,008.00 per annum.

Earl N. Metz, Associate Professor (Charles Austin Doan Chair of Medicine), Department of Medicine, effective immediately, at a salary of \$26,928.00 per annum.

Jay Harold Stein, Associate Professor (part time - 80 percent) (Gustav Hirsch Professorship of Medicine), Department of Medicine, effective immediately, at a salary of \$20,040.00 per annum.

Edward A. Ferkany, Assistant Football Coach, Department of Athletics, effective February 15, 1972, at a salary of \$15,648.00 per annum.

B. Changes in Title

Albert J. Kuhn from Acting Provost and Acting Vice President for Academic Affairs to Provost and Vice President for Academic Affairs, effective immediately.

Arliss L. Roaden from Vice Provost for Graduate Affairs and Dean of the Graduate School to Vice Provost for Research and Dean of the Graduate School, effective July 1, 1972.

C. Emeritus Title

Lawrence A. Best, Cooperative Extension Service, with the title Professor Emeritus, effective April 1, 1972.

President Fawcett recommended that the Appointments, Changes in Title, Emeritus Title, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Dunlap, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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March 3, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

SUMMARY

(January 8, 1972 - February 11, 1972)

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	10	\$ 561,596.54
Industrial and Other Research	2	17,500.00
<u>Grants</u>		
Government Research - Federal	16	712,860.00
Industrial and Other Research	<u>2</u>	<u>83,384.00</u>
Totals	30	\$1,375,340.54

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Gushman, seconded by Mr. Safford, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

March 3, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal

- a. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, High Energy Physics Studies (Experimental Portion) (to be known as Project No. 2116 - Mod. #9 - Department of Physics).  
Gross Value - \$225,000.00.
- b. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, High Energy Physics Studies (Theoretical Part) (to be known as Project No. 2116-A - Mod. #9 - Department of Physics).  
Gross Value - \$60,000.00.
- c. Department of Army, Headquarters, U. S. Army Medical Research and Development Command, Washington, D. C., Early Diagnosis of Infectious Diseases (to be known as Project No. 2634 - Mod. #P-207 - Department of Medicine).  
Gross Value - \$7,993.00.
- d. Department of Navy, Office of Naval Research, Arlington, Virginia, Open-Loop Analysis of the Carbon Dioxide Receptor Reflex (to be known as Project No. 2822 - Mod. #3 - Department of Physiology).  
Gross Value - \$16,515.00.
- e. Department of Army, Letterkenny Army Depot, Chambersburg, Pennsylvania, Small Unit Combat Simulation (DYNTACS X) (to be known as Project No. 2978 - Mod. #P007 - Engineering Experiment Station).  
Gross Value - \$16,480.00.
- f. Department of Air Force, Air Force Systems Command, Rome Air Development Center, Griffiss Air Force Base, New York, Investigation of Laser Propagation Phenomena (to be known as Project No. 3163-A1 - Mod. #P00001 - Department of Electrical Engineering).  
Gross Value - \$8,801.00.
- g. Department of Air Force, Air Force Systems Command, 4950th Test Wing Technical, Wright Patterson Air Force Base, Ohio, High Reynolds Number Transonic Testing (to be known as Project No. 3273-A1 - Mod. #P00002 - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$100,000.00.

March 3, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- h. National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, Ultra-Structure of Otoliths of Rats Reared Under Hypergravity with Those Reared Under Normal Gravity (to be known as Project No. 3381-A1 - New - Department of Otolaryngology).  
Gross Value - \$17,326.54.
- i. Department of Air Force, Air Force Systems Command, Rome Air Development Center, Griffiss Air Force Base, New York, Measurements and Analysis of Spectral Signatures (to be known as Project No. 3387-A1 - New - Department of Electrical Engineering).  
Gross Value - \$39,940.00.
- j. Department of Navy, Naval Air Development Center, Warminster, Pennsylvania, On-Aircraft Antennas (to be known as Project No. 3390-A1 - New - Department of Electrical Engineering).  
Gross Value - \$69,541.00.

TOTAL - Government Contracts - Federal \$561,596.54

2. Industrial and Other Research Contracts

- a. Commonwealth of Puerto Rico, Office of the Governor, Puerto Rico Planning Board, Santurce, Puerto Rico, The Development and Demonstration of a Knowledge Utilization System in Puerto Rico (to be known as Project No. 3279-A1 - New - College of Social and Behavioral Sciences - Behavioral Sciences Laboratory).  
Gross Value - \$10,000.00.
- b. Columbus Public Schools, Columbus, Ohio, Program Audit Services for a Study of EMR Special Education Programs (to be known as Project No. 3393-A1 - New - College of Education).  
Gross Value - \$7,500.00.

TOTAL - Industrial and Other Research Contracts \$17,500.00

3. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Control of Activity of Cardiac and Smooth Muscle (to be known as Project No. 874-M - Ext. #13 - Department of Physiology).  
Gross Value - \$22,191.00.

March 3, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- b. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Postoperative Recovery Mechanisms and Retention (to be known as Project No. 1470-J - Ext. #9 - Department of Psychology).  
Gross Value - \$16,862.00.
- c. Department of Health, Education and Welfare, Office of Education, Washington, D. C., A Junior High School Industrial Technology Curriculum Project (to be known as Project No. 2361 - Rev. #11 - College of Education).  
Gross Value - \$4,635.00.
- d. National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, Millimeter-Wavelengths Propagation Studies (to be known as Project No. 2374 - Sup. #7 - Department of Electrical Engineering).  
Gross Value - \$35,000.00.
- e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Optical Isomers of Amines on Nerve Granules (to be known as Project No. 2753-C - Ext. #3 - College of Pharmacy).  
Gross Value - \$12,662.00.
- f. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Neurooncogenesis by Resorptive Carcinogens (to be known as Project No. 2762-C - Ext. #3 - Department of Veterinary Pathology).  
Gross Value - \$58,502.00.
- g. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Research Support Grant (to be known as Project No. 2776-A3 - Rev. Award Ltr. Dtd. 1/19/72 - College of Veterinary Medicine).  
Gross Value - \$9,724.00.
- h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Eye Institute, Bethesda, Maryland, Autonomic Receptors in Isolated Iris Muscles (to be known as Project No. 2817 - Sup. #1 - College of Pharmacy).  
Gross Value - \$2,524.00.

March 3, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- i. National Science Foundation, Washington, D. C., Support of Geological Studies (to be known as Project No. 3172-A1 - Amend. #1 - Department of Geology).  
Gross Value - \$8,200.00.
- j. Department of Health, Education and Welfare, Office of Education, Washington, D. C., Designing New Patterns for Training Research, Development, Demonstration, Dissemination, and Evaluation in Personnel in Education (to be known as Project No. 3185-A1 - Rev. #2 - College of Education).  
Gross Value - \$350,000.00.
- k. Department of Air Force, Air Force Office of Scientific Research, Air Force Systems Command, Arlington, Virginia, Synthesis and Properties of Interlocking Ring Compounds (to be known as Project No. 3377-A1 - New - Department of Chemistry).  
Gross Value - \$43,600.00.
- l. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Mode of Action of Fluoride in Caries Inhibition (to be known as Project No. 3380-A1 - New - College of Dentistry).  
Gross Value - \$34,095.00.
- m. National Science Foundation, Washington, D. C., Population Dynamics and Productivity of Natural Populations of Orconectes Virilis Hagen (to be known as Project No. 3388-A1 - New - Department of Zoology).  
Gross Value - \$18,000.00.
- n. Department of Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Energy and Chemical Change-Energy Disposal and Energy Requirements of Chemical Reactions (to be known as Project No. 3391-A1 - New - Department of Chemistry).  
Gross Value - \$37,340.00.
- o. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Effect of Periodontopathies on Periodontal Mechanics (to be known as Project No. 3392-A1 - New - Department of Physiology).  
Gross Value - \$7,500.00.



March 3, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- p. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Psychoactive, Anti-convulsant, Antiparkinson Drugs (to be known as Project No. 3394-A1 - New - College of Pharmacy).  
Gross Value - \$52,025.00.

TOTAL - Government Research Grants - Federal \$712,860.00

4. Industrial and Other Research Grants

- a. New York Friends Group, Inc., Center for War/Peace Studies, New York, New York, Task Force on International Education (to be known as Project No. 3384-A1 - New - Department of Political Science).  
Gross Value - \$5,354.00.
- b. The John A. Hartford Foundation, Inc., New York, New York, The Pharmacologic Control of Portal Hypertension (to be known as Project No. 3386-A1 - New - Department of Surgery).  
Gross Value - \$78,030.00.

TOTAL - Industrial and Other Research Grants \$83,384.00

March 3, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts  
from the Engineering Experiment Station

S U M M A R Y

(Period: January 14, 1972 - February 10, 1972)

	No. of Projects	Gross Value
Government Research Contracts	2	\$22,545.00
Industrial Research Contract	<u>1</u>	<u>2,500.00</u>
Totals	3	\$25,045.00

The Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

1. Government Research Contracts

EES 388X      Field Testing of Pavement Thickness Gage, Ohio Department of Highways, Columbus, Ohio.  
Ext. #1      Gross Value - \$2,400.00.

EES 409X      Experimental Treatment of Fresh Concrete by High Frequency Excited Screw-Type Auger, Ohio Department of Highways, Columbus, Ohio.  
Gross Value - \$20,145.00.

TOTAL - Government Research Contracts \$22,545.00

2. Industrial Research Contract

EES 408X      Polymer Engineering Research, Owens Illinois Technical Center, Toledo, Ohio.  
Gross Value - \$2,500.00.

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March 3, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS

SUMMARY

(Period: January, 1972)

Grants  
Office of Finance and Treasurer \$3,145,998.00

Gifts  
The Ohio State University Development Fund

	Number of Gifts	Amount
Alumni	970	\$ 160,710.42
Individuals Other than Alumni	215	25,266.13
Business Concerns	49	70,284.60
Foundations and Nonprofit Organizations	<u>39</u>	<u>36,856.23</u>
Totals	1,273	\$ 293,117.38

The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include the establishment of named funds and a specific listing of some of the many gifts received.

Upon motion of Mr. Gushman, seconded by Mr. Harrod, the acceptance of the grants and gifts and the establishment of the named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

March 3, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer

1. \$2,320,000.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for support of Center for Research and Leadership Development in Vocational and Technical Education, under the direction of the Center for Vocational and Technical Education, for the period February 1, 1972 through January 31, 1973. (Grant No. OEG-3-7-00158-2037, Revision No. 17)
2. \$593,424.00 granted by Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, Rockville, Maryland, to the University for support of Mental Retardation Training, under the direction of the College of Medicine, for the period July 1, 1971 through June 30, 1972. (Project No. 922)
3. \$38,650.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Cardiovascular Physiology, under the direction of the Department of Physiology, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 HL05843-04)
4. \$31,146.00 additional grant by Department of Health, Education and Welfare, Social and Rehabilitation Service, Chicago, Illinois, to the University for support of Teaching Grant and Traineeships in Rehabilitation Medicine, under the direction of the Department of Physical Medicine, for the period September 1, 1971 through June 30, 1972. (Grant No. 44-P-25122/5-10, Amendment No. 1)
5. \$26,433.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Undergraduate - Clinical Training, under the direction of the Department of Medicine, for the period March 1, 1972 through February 28, 1973. (Grant No. 5 T02 HL05035-19)
6. \$25,586.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for General Research Support Grant, under the direction of the College of Medicine, for the period January 1, 1972 through December 31, 1972. (Grant No. 5 S01 RR05409-11)
7. \$21,000.00 additional grant by Department of Health, Education and Welfare, Social and Rehabilitation Service, Chicago, Illinois, to the University for support of Teaching Grant and Traineeships in Speech Pathology and Audiology, under the direction of the Department of Speech Communication, for the period September 1, 1971 through August 31, 1972. (Grant No. 44-P-25121/5-03, Amendment No. 1)

March 3, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

8. \$15,000.00 granted by Ohio Department of Education, Division of Special Education, 3201 Alberta Street, Columbus, Ohio, to the University for support of teacher education in the area of Learning Disabilities and Behavioral Disorders, under the direction of the College of Education, for the period July 1, 1971 through June 30, 1972.
9. \$11,930.00 granted by National Science Foundation, Washington, D. C., to the University for support of In-Service Institute in Physics for Secondary School Teachers, under the direction of the Department of Physics. This grant expires on July 31, 1973. (Grant GW-7332, Proposal No. 2/3467)
10. \$11,300.00 additional grant by Department of Health, Education and Welfare, Social and Rehabilitation Service, Chicago, Illinois, to the University for support of Teaching Grant and Traineeships in Physical Therapy, under the direction of the School of Allied Medical Professions, for the period September 1, 1971 through August 31, 1972. (Grant No. 44-P-25124/5-08, Amendment No. 1)
11. \$9,952.00 granted by National Science Foundation, Washington, D. C., to the University for support of In-Service Institute in Astronomy (IAP) for Secondary School Teachers, under the direction of the College of Education. This grant expires on July 31, 1973. (Grant GW-7432, Proposal No. 2/3448)
12. \$9,900.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Chicago, Illinois, to the University for support of Undergraduate Traineeships in Rehabilitation Medicine, under the direction of the Department of Physical Medicine, for the period May 1, 1972 through September 30, 1972. (Grant No. 44-P-25217/5-01)
13. \$9,555.00 additional grant by Department of Health, Education and Welfare, Social and Rehabilitation Service, Chicago, Illinois, to the University for support of Traineeships in Occupational Therapy, under the direction of the School of Allied Medical Professions, for the period September 1, 1971 through August 31, 1972. (Grant No. 44-P-25123/5-07, Amendment No. 1)
14. \$6,078.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for General Research Support Grant, under the direction of the College of Pharmacy, for the period January 1, 1972 through December 31, 1972. (Grant No. 5 S01 RR05607-06)

March 3, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

15. \$6,000.00 granted by City of Columbus, Division of Workhouse, 2460 Jackson Pike, Columbus, Ohio, to the University for support of the development and presentation of a course in understanding human behavior to be offered for guards and matrons at the Columbus City Workhouse, under the direction of the Division of Continuing Education. (Grant No. 1410-11-F1-71)
16. \$5,754.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for General Research Support Grant, under the direction of the School of Nursing, for the period January 1, 1972 through December 31, 1972. (Grant No. 1 S01 RR05742-01)
17. \$4,290.00 granted by Ohio Rehabilitation Services Commission, New Careers Program Director, 4656 Heaton Road, Columbus, Ohio, to the University for support of program for New Careers Training for Rehabilitation Aides, under the direction of The Ohio State University - Lima Campus, for the period January 18, 1972 through May 30, 1972.

B. The Ohio State University Development Fund

1. \$93,687.50 from the Estate of Florence Y. Mick, Columbus, Ohio, for the establishment of the Charles J. and Florence Y. Mick Memorial Fund.

Charles J. and Florence Y. Mick Memorial Fund

The Charles J. and Florence Y. Mick Memorial Fund was established March 3, 1972, by the Board of Trustees of The Ohio State University with a bequest through The Ohio State University Development Fund from Florence Y. Mick (Mrs. Charles J.), in memory of her husband and herself. Mr. and Mrs. Mick were residents of Columbus, Ohio. Mr. Mick earned the Bachelor of Science degree in Pharmacy in 1921; Mrs. Mick earned the Bachelor of Science degree in Home Economics in 1922. She was a retired supervisor from the University Registrar's Office.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used by the College of Medicine for cancer research. If the need for cancer research diminishes, or ceases to exist, so as to leave unused funds, then this bequest may be used in other areas of medical research closely allied or related to cancer. The principal may be invaded if necessary.

March 3, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

1. Charles J. and Florence Y. Mick Memorial Fund (continued)

Should the College of Medicine cease to exist, through any reorganization of the University, then the income may be used by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for medical research.

2. \$27,500.00 from E. I. du Pont de Nemours & Company, Inc., Wilmington, Delaware--\$15,000.00 for research in Chemistry, \$7,500.00 for research in Chemical Engineering, and \$5,000.00 for research in Metallurgy.
3. \$18,315.43 from the Estate of Dr. D. P. Snyder, Columbus, Ohio--\$12,210.29 for the establishment of the Snyder Student Memorial Fund and \$6,105.14 for the establishment of the Snyder Research Memorial Fund.

Snyder Student Memorial Fund

The Snyder Student Memorial Fund was established March 3, 1972, by the Board of Trustees of The Ohio State University with a bequest through The Ohio State University Development Fund from Dr. D. P. Snyder, D.D.S. '13, late of Columbus, Ohio, former Chief of Surgery in the College of Dentistry. The bequest was made in memory of Mae B. Snyder, Sadie Snyder, and Dr. D. P. Snyder.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide loans to students enrolled in the College of Dentistry.

Snyder Research Memorial Fund

The Snyder Research Memorial Fund was established March 3, 1972, by the Board of Trustees of The Ohio State University with a bequest through The Ohio State University Development Fund from Dr. D. P. Snyder, D.D.S. '13, late of Columbus, Ohio, former Chief of Surgery in the College of Dentistry. The bequest was made in memory of Mae B. Snyder, Sadie Snyder, and Dr. D. P. Snyder.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

March 3, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

3. Snyder Research Memorial Fund (continued)

The annual income is to be used by the College of Medicine for the discovery of new and advanced methods and processes in all areas of medical research, with special emphasis on research for aiding the prevention of and the elimination of the diseases of the blind.

4. \$18,186.24 from Associates of Medicine, Columbus, Ohio, for the Department of Medicine General Fund.
5. \$17,500.00 from G. D. Searle & Company, Chicago, Illinois, for its research fund in the College of Medicine.
6. \$10,000.00 from Althea O. Orton, Columbus, Ohio--\$5,000.00 to establish a fund to purchase books and materials for the Department of Ceramic Engineering Library and \$5,000.00 for the Department of Geology Library.
7. \$8,517.00 from the Charles F. High Foundation, Bucyrus, Ohio, for scholarships.
8. \$6,596.00 from the Grace High Washburn Trust, Bucyrus, Ohio, for scholarships.
9. \$5,300.00 from the Trust under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.
10. \$5,000.00 from the American Heart Association, Columbus, Ohio, for the Gustav Hirsch Memorial Professorship in Cardiology in the College of Medicine.
11. \$5,000.00 from National Machinery Foundation, Tiffin, Ohio, for its fund in Mechanical Engineering.
12. \$5,000.00 from The Ohio State University Orthodontic Alumni Foundation, Columbus, Ohio, to establish a loan fund in the College of Dentistry.
13. \$1,010.00 from friends, colleagues, and former students of Robert M. Zollinger, for the establishment of The Robert M. Zollinger Student Scholarship Fund in Surgery.

The Robert M. Zollinger Student Scholarship Fund in Surgery

The Robert M. Zollinger Student Scholarship Fund in Surgery was established March 3, 1972, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development



March 3, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

13. The Robert M. Zollinger Student Scholarship Fund in Surgery (continued)

Fund from friends, colleagues, and former students of Robert M. Zollinger, B.Sc. '25, M.D. '27, a distinguished faculty member, Regents Professor, and Chairman of the Department of Surgery of The Ohio State University for 25 years.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide a Robert M. Zollinger Scholarship Award to the outstanding senior student in surgery. The selection of the recipient is to be made upon the recommendation of the College of Medicine Scholarship Committee and the Chairman of the Department of Surgery.

Should the need for this scholarship cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever as determined by the Board of Trustees of the University, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for surgical education.

C. Establishment of New Fund from Previously Reported Gift

Glenna R. Joyce Scholarship Fund

The Glenna R. Joyce Scholarship Fund was established March 3, 1972, by the Board of Trustees of The Ohio State University with a gift through The Ohio State University Development Fund from the Glenna R. Joyce Trust. Mrs. Joyce, who lived in Upper Arlington at the time of her decease in 1960, established the Trust through her Will.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

Both annual income and principal are to be used to provide annually a maximum of two scholarships to high school graduates attending The Ohio State University. Each scholarship is to be for four years of college at the University for the student and may be extended for three additional years if the student attends Graduate School. The scholarship students are to be selected by the University Scholarship Committee, upon the recommendation of the Trustees of the Glenna R. Joyce Trust.

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March 3, 1972 meeting, Board of Trustees

V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. Laboratory Animal Center

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$1,404,898.00	\$1,569,079.15	\$164,181.15

The changes on this project represent deviations from the original specifications resulting from favorable bids on the contracts so that it was possible to incorporate additional equipment within these contracts.

Funds for these changes have been provided by Budget Account 801021 (Laboratory Animal Facilities Center).

Upon motion of Mr. Hilliker, seconded by Mr. Gushman, the above extra and credit orders to contracts and expenditures of funds were approved and the action of the Vice President for Administrative Operations was ratified by unanimous roll call vote.

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VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Administrative Operations, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Brown Hall--Heating and Ventilating System Repair

This project will provide adequate heating and ventilating for this building.

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

B. Physical Education Building--Roof Repairs-1972

This project involves the removal and replacement of the old roof, replacement of insulation, gutters, and downspouts.

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

March 3, 1972 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

C. Undergraduate Library and Service Center (Joseph Sullivant Hall) - 13.2 KV Primary Distribution System Extension

This project will substantially increase the electrical load for this building. The existing primary service to the building has insufficient capacity for the additional load which will be required for renovation of this facility.

Funds for this project have been provided from Budget Account 801095 (Federal recoveries from various projects set aside for the Undergraduate Library).

Upon motion of Mr. Hilliker, seconded by Mr. Gushman, the above recommendations were approved by unanimous roll call vote and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Lachner was directed to proceed with a request for bids in the normal University manner and if satisfactory bids were received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VII. REPORT OF AWARD OF CONTRACTS

A. Goss Laboratory--Renovation of Rooms 219, 219A, 231A, and 231B

It was requested by the Vice President for Administrative Operations that the Award of Contracts approved at the February 4, 1972 meeting for the Goss Laboratory--Renovation of Rooms 219, 219A, 231A, and 231B be rescinded. General Contract--Waller & Lund, Inc., \$4,970; Plumbing Contract--Julian Speer Co., \$9,960; Heating, Ventilating and Air Conditioning Contract--Julian Speer Co., \$20,220; Electrical Contract--Electric Power & Equipment Co., \$8,726. It has been learned that an application has been filed with the National Institutes of Health, National Cancer Institute, and may be approved which would enable the College of Veterinary Medicine to expand the original plans and specifications. This proposed action has the approval of the Department of Public Works, State of Ohio.

Upon motion of Mr. Gushman, seconded by Mr. Harrod, the Board of Trustees approved the above recommendation by unanimous roll call vote.

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

March 3, 1972 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

B. Arps Parking Ramp--Waterproofing of Top Floor Levels

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(7 bids received 2-25-72)		
Cincinnati Floor Co. (Columbus)	\$ 41,000.00	\$ 64,258.00
Alt. "A," Removal of fill and installation of new fill	2,280.00	5,385.00
Alt. "B," Installation of fill east and west parapet walls	4,780.00	5,850.00
Alt. "C," Rebuilding expansion joints	<u>3,940.00</u>	<u>7,960.00</u>
Total Contract	<u>\$ 52,000.00</u>	<u>\$ 83,453.00</u>

Funds for this project have been provided from Budget Account 801250  
(Arps Parking Ramp--Waterproofing of Top Floor Levels).

C. Optometry Building--Air Condition (Old Part)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Mechanical Contract</u>		
(8 bids received 2-25-72)		
R. E. Eversole (Columbus)	\$ 21,372.00	\$ 36,679.00
<u>Electrical Contract</u>		
(7 bids received 2-25-72)		
Miller-Davis Electric (Columbus)	<u>9,538.00</u>	<u>17,205.00</u>
Total Contracts	<u>\$ 30,910.00</u>	<u>\$ 53,884.00</u>

Funds for this project have been provided from Budget Account 801244  
(Optometry Building--Air Conditioning).

D. Journalism Building Expansion

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(4 bids received 2-8-72)		
R. W. Setterlin & Sons Co. (Columbus)		
Base bid	\$1,417,000.00*	\$1,165,487.00
Less negotiated changes	- 73,438.00**	
Alt. G-2 Finishing radio facilities	<u>+ 27,000.00</u>	<u>+ 30,000.00</u>
Total Contract	<u>\$1,370,562.00</u>	<u>\$1,195,487.00</u>

March 3, 1972 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

D. Journalism Building Expansion (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Plumbing Contract</u>		
(8 bids received 2-8-72)		
J. A. Croson Plumbing & Heating		
(Columbus)		
Base bid	\$ 133,800.00	\$ 138,000.00
<u>Heating, Ventilating and Air</u>		
<u>Conditioning Contract</u>		
(5 bids received 2-8-72)		
Limbach Company		
(Columbus)		
Base bid	\$ 705,000.00*	\$ 648,000.00
Less negotiated changes	- 7,420.00***	
Alt. HVAC-2 Air conditioning		
radio facilities	+ 11,700.00	+ 15,000.00
Alt. HVAC-3 Carrier chiller	- 5,200.00	N/C
Total Contract	\$ 704,080.00	\$ 663,000.00
<u>Electrical Contract</u>		
(9 bids received 2-8-72)		
Burroughs Electric Co., Inc.		
(Columbus)		
Base bid	\$ 266,665.00	\$ 348,513.00
Alt. E-2 Electrical work for		
radio facilities	+ 5,167.00	+ 10,000.00
Total Contract	\$ 271,832.00	\$ 358,513.00
Total All Contracts	\$2,480,274.00	\$2,355,000.00

Funds for this project have been provided from HB 531, Item 315-064 (Journalism Building Replacement) and Item 235-010 (Architectural Planning).

\* Bids on the General Contract and the Heating, Ventilating and Air Conditioning Contract were above the estimate of cost, but it is not believed that better bids could be obtained by readvertising. This is in agreement with the Department of Public Works.

\*\* Change in material specification for exterior soffit from metal to stucco, omission of the smaller of two elevators, simplification of site work by elimination of some parts of retaining walls, walks, and steps, deletion of parts of ceramic tile and marble finishes, and various smaller miscellaneous changes.

March 3, 1972 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

D. Journalism Building Expansion (continued)

\*\*\* Change in type of balance devices in heating and cooling system piping, change in material specification for cooling towers inlet and discharge ducts, elimination of pipe insulation on heating unit runouts, and simplification of heating controls for service areas.

Upon motion of Mr. Hilliker, seconded by Mr. Gushman, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations ratified by unanimous roll call vote.

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VIII. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Adrian C. DeBrosse, Instructor (County Extension Agent, Agriculture) Mercer County, Cooperative Extension Service; Samuel Joseph Sachs, Assistant Professor in the College of Dentistry; Eldon Bryson Sessions, Associate Professor Emeritus in the College of Education; and Daniel M. Shonting, Professor Emeritus in the College of Administrative Science - Academic Faculty of Accounting. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Adrian C. DeBrosse

The Board of Trustees of The Ohio State University expresses its sorrow at the death on January 17, 1972, of Adrian C. DeBrosse, Instructor (County Extension Agent, Agriculture) Mercer County, Cooperative Extension Service.

Mr. DeBrosse was a native of Sidney, Ohio. He received his Bachelor of Science in Agriculture degree from The Ohio State University in 1950. He taught vocational agriculture in Delaware, Ohio, from 1950 to 1954 and in Mercer County from 1954 until he joined the Ohio Cooperative Extension Service faculty as Associate Agent in 1955. He had been County Agent, Agriculture, in Mercer County since 1958.

Mr. DeBrosse gave aggressive leadership to various extension programs in Mercer County, particularly the dairy, swine, and poultry programs. He was a leader in developing a registered dairy cattle show and sale and a graded feeder pig sale program in his area. He also worked closely with various community organizations in establishing small watershed projects, a land use planning committee, and other resource development programs.

March 3, 1972 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

A. Adrian C. DeBrosse (continued)

On behalf of the University community, the Board of Trustees expresses to the family of Mr. DeBrosse its deep sympathy. It was directed that this resolution be inscribed in the minutes of the Board of Trustees and that a copy be tendered to the family as a sincere expression of the Board's realization of the loss which the family and the University have sustained.

B. Samuel Joseph Sachs

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 15, 1972, of Samuel Joseph Sachs, Assistant Professor in the College of Dentistry.

Professor Sachs was born in Newark, Ohio, on March 28, 1921. He was graduated from Newark High School in 1939. He received the Bachelor of Science in Education degree from Wittenberg College in 1943.

Professor Sachs served as a Lieutenant Junior Grade in the United States Navy from 1943 to 1946. In 1946, he entered the College of Dentistry of The Ohio State University and received the Doctor of Dental Surgery degree in 1950.

Following his graduation from the College of Dentistry he returned to the United States Navy where he served until his retirement in 1968 with the rank of Commander. During this period he served for two years as training officer at the U. S. Naval Dental Technician's School at Great Lakes, Illinois.

In 1968, Dr. Sachs became a member of the faculty of the College of Dentistry. He was a member of the Kiwanis Club, Psi Omega Fraternity, Columbus Dental Society, Ohio State Dental Association, and American Dental Association.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in the bereavement.

C. Eldon Bryson Sessions

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 15, 1972, of Eldon Bryson Sessions, Associate Professor Emeritus in the College of Education.

Dr. Sessions was born in Marion, Idaho, on September 28, 1896. He was graduated from Utah State University in 1923 with a Bachelor of Science degree in business. His Master of Science degree in educational administration was granted in 1934 by the University of Idaho. Three years later he received a Doctor of Philosophy degree from The Ohio State University.

March 3, 1972 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

C. Eldon Bryson Sessions (continued)

Professor Sessions began his career in education as a teacher in 1923 near Marion, Idaho. From 1924 to 1935 he was Superintendent of Schools in Sugar City and Malad, Idaho. In 1937-38 he was a Visiting Professor at the University of Rochester and from 1938 to 1944 he was President of Carbon Junior College in Price, Utah.

In 1944 he started his career at The Ohio State University where he served until his retirement in 1967, except for thirty months as an Educational Consultant to the Department of Education in Guam in 1952-53 and Dean of the Territorial College of Guam from 1954 to 1956. At this institution his major contributions were Director of Educational Field Studies Training Programs for non-certified public school personnel, especially the annual School for Custodians which continued over two decades. He consulted at various times in nearby states.

Dr. Sessions was active in the Ohio and the International Associations of School Business Officials and in the Ohio Association of Public School Employees. He is regarded as the founder of these two associations. He was a member of the National Council on Schoolhouse Construction. He was a member of the Church of the Latter Day Saints.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

D. Daniel M. Shonting

The Board of Trustees expresses its sorrow at the death on February 2, 1972, of Daniel M. Shonting, Professor Emeritus in the College of Administrative Science - Academic Faculty of Accounting.

Professor Shonting was born in Lancaster, Ohio, on March 31, 1896. After serving in World War I, he attended Ohio State where he received the B.S. and M.A. degrees in 1921 and 1923 respectively. He became a Certified Public Accountant in 1940.

Mr. Shonting began his contribution to accounting education in 1924 as an Instructor, moved through the ranks to full Professor in 1958, and retired in 1966 after having given years of classroom experiences to accounting students at Ohio State. His students found him warm, energetic, interested, and fair.

In addition to his dedication to teaching, Professor Shonting's professional life included a private practice as a public accountant, service as Chief of the Division of Accounts and Control for Ohio's Department of Finance from 1929 to 1931, and a position as Treasurer of Capital University from 1932 to 1947. Professor Shonting was General Manager of Warburg Press from 1940 to 1949, and has been a consultant to many firms.



March 3, 1972 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

D. Daniel M. Shonting (continued)

An active, vibrant individual, he participated in numerous civic and professional organizations, among them are the Columbus Chamber of Commerce, American Legion, Big Brothers, and Last Man's Club. He was past president of the Central Ohio Chapter of Systems and Procedures Association and former editor of the Ohio CPA. A member of the National Association of Cost Accountants, in 1956 he was chairman of the American Accounting Association's Committee on Government Accounting. He was a member of the Ohio Society of Certified Public Accountants, American Institute of Certified Public Accountants, Systems and Procedures Association, and Central Ohio and National Associations for Computing Machinery. He also held memberships in Beta Alpha Psi, national accounting fraternity; Beta Gamma Sigma, business administration honorary; Delta Sigma Phi and Alpha Kappa Psi, professional business fraternities.

Always a devoted church member, Professor Shonting was an elder in Christ Lutheran Church and past president of the Publishers Section of the International Council on Religious Education.

Professor Shonting was the author of numerous articles for professional and business journals and a contributing editor of The Accountants' Handbook. He was held in highest esteem by his colleagues who often included him as a contributor in the preface of their texts.

On behalf of The Ohio State University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family of Daniel M. Shonting as a humble expression of the Board's heartfelt sympathy in its bereavement.

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IX. REPORT

A. Report from the Finance and Investment Committee

1. Sale of Real Estate

Mr. Safford, a member of the Finance and Investment Committee, presented the following recommendations:

206 East 16th Avenue

The Board of Trustees on October 7, 1970, accepted a parcel of real estate located at 206 East 16th Avenue from Carolyn Kramer Serling and Rod Serling. This property is presently being held in the University's Investment Portfolio.

IX. REPORT (continued)

A. Report from the Finance and Investment Committee (continued)

1. Sale of Real Estate (continued)

It was recommended that the Vice President for Administrative Operations be authorized to sell the property with the proceeds of the sale to be used for the Carolyn Kramer Serling Scholarship Fund as established according to the bequest of Mrs. Serling with the income to be used for scholarships to students selected by the University Scholarship Committee.

It was further recommended that the President and Treasurer are hereby authorized and empowered to execute a deed transferring the property to the person(s) submitting the best quotation with the net proceeds of sale to be deposited in the University's Investment Portfolio.

852 West Lane Avenue

The Board of Trustees on June 12, 1969, authorized the purchase of a parcel of real estate located at 852 West Lane Avenue from Lowell E. Ripley and Floa M. Ripley. The property is presently being held in the University's Investment Portfolio.

It was recommended that the Vice President for Administrative Operations be authorized to sell the property with the proceeds of the sale of the property to be returned to the Investment Portfolio.

It was further recommended that the President and Treasurer are hereby authorized and empowered to execute a deed transferring the property to the person(s) submitting the best quotation with the net proceeds of sale to be deposited in the University's Investment Portfolio.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the Board of Trustees approved the sale of 206 East 16th Avenue and 852 West Lane Avenue by unanimous roll call vote.

B. Report on the University's Investment Portfolio

The report dated March 3, 1972, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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March 3, 1972 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, April 7, 1972, at The Ohio State University, Columbus, Ohio, at 1:30 p.m.

Attest:

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Edward Q. Moulton  
Secretary

\_\_\_\_\_  
James W. Shocknessy  
Chairman

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APPENDIX VII

Degrees Conferred at

THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

March 17, 1972

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**The Recipients of Honors:**

**AKLILU HABTE**

Doctor of Humane Letters

*Distinguished educational statesman who has demonstrated creative administration in the development of Ethiopian education and African affairs.*

As president of Haile Sellassie I University, Aklilu Habte has attained the zenith in a career of educational leadership. A 1954 graduate of the University College of Addis Ababa (now Haile Sellassie I University), he received his bachelor of education degree from the University of Manitoba in 1955 and the M.Ed. and Ph.D. degrees from The Ohio State University in 1956 and 1958 respectively.

Upon graduation from The Ohio State University, Aklilu Habte returned to Ethiopia where he has been devoted to a multitude of educational enterprises. One of the lasting achievements of his most distinguished career has been a successful strengthening of the relationship between higher education and the realities of living in a mass rural population. To achieve this goal, Aklilu Habte conceived and implemented a program designed to allow students to pursue career-related interests through actual work experience in remote areas of Ethiopia. In addition to performing essential service functions, the program involves the student in multi-disciplinary community development programs, contributing an important additional dimension to the student's scholarly endeavors.

For his sound philosophies and creative solutions to the practical application of education, the leadership of Aklilu Habte has been acknowledged by colleagues from many lands. His professional acumen has been internationally recognized by his election as president of the Pan-African Congress, and more recently by his election as president of the International Congress of Africanists. His service on the executive committee of the United Nations Educational Scientific and Cultural Organization (UNESCO) and on this organization's International Scientific Committee for the Preparation of a General History of Africa, confirms the broad scope of his interests.

It is an honor for The Ohio State University to recognize Aklilu Habte for his distinguished record of service to his profession, his nation, and to his fellow man.

**HOWARD HANSON**

Doctor of Humane Letters

*Renowned composer, conductor, and educator who has established himself as a paragon in the musical field.*

Creativity and humanity, undergirded by leadership and administrative abilities, have brought Howard Hanson to an unparalleled position of leadership in the world of music. His over one hundred compositions have won him more than thirty prizes and special awards, including a Pulitzer Prize in 1944.

A graduate of Northwestern University, he served on the faculty at the College of the Pacific for three years before being appointed Dean of the Conservatory of Fine Arts at that institution. In 1924 he was appointed Director of the Eastman School of Music and remained in that position until his retirement in 1964. During his long tenure at the school, Eastman became one of the finest institutions of its kind in the world. The high standards maintained there under Dr. Hanson's direction were of major import in raising the level of music instruction throughout the country.

As one of the founders of the National Association of Schools of Music, the only accrediting agency for music in higher education, Dr. Hanson did even more to raise and maintain high standards in musical education. He has served as president of that organization as well as presiding over the Music Teachers' National Association and the National Music Council. In 1935 he was elected a member of the National Institute of Arts and Letters and in 1938, a Fellow of the Royal Academy of Music in Sweden.

Dr. Hanson's textbook, "The Harmonic Materials of Modern Music," is widely recognized as a definitive study on musical composition from 1900 to 1950, and is used as the standard text for this subject in many schools. He has had numerous articles published in national magazines and journals and is Editor-in-Chief of the twelve-volume "New Scribner Music Library."

It is with great pride that The Ohio State University recognizes this outstanding musician and educator for his contributions to all facets of the musical realm.

## STARKE R. HATHAWAY

Doctor of Humane Letters

*Noted educator and scientist whose many and important contributions to mental health are of uncommon distinction.*

A man who is both creative and practical in his diverse contributions to theory, research, and practice, Starke R. Hathaway has had a major impact on mental health movements in this country and throughout the world. He was a pioneer in the development of clinical psychology as a profession and established one of the earliest doctoral programs in that area. A leader in the effort to attain legal recognition of psychology, Dr. Hathaway was successful in urging the passage of certification legislation in Minnesota. A forerunner in the fields of criminology, neuropsychology, and psychophysiology, he invented and patented one of the first reliable lie detector devices. Dr. Hathaway authored an early classic text in physiological psychology, conducted some of the first electro-encephalographic research in this country, and developed one of the earliest and still most widely used objective devices for personality assessment. The author of some eighty published books and scientific articles, Dr. Hathaway is a member of Sigma Xi, Phi Beta Kappa, and the National Research Council.

A native of Ohio, Starke Hathaway is a 1927 graduate of Ohio University and received a master's degree in psychology and statistics from The Ohio State University. His education was continued at the University of Minnesota where he received the Ph.D. degree in Psychology and Anatomy in 1933.

His teaching career began at Ohio University and continued for forty years as a faculty member at the University of Minnesota. During that time, he served as professor and director of the Division of Clinical Psychology and executive officer of the Department of Psychiatry and Neurology in the School of Medicine.

In recognition of his outstanding contributions to the advancement of his profession, The Ohio State University is privileged to confer upon this distinguished alumnus the honorary degree, Doctor of Humane Letters

## JOHN A. MAURER

Doctor of Science

*Pioneer in motion picture engineering and lifelong advocate of photography and cinema as a force in American science, education, and culture.*

John A. Maurer, Senior Vice President of Optronics Technology, Inc. of New York City, personifies the goal of his profession, the combination of scientific knowledge and humanitarian purpose. His philosophy, inventions, and work have been consistently and effectively directed to the realization of Thomas A. Edison's "glowing dreams about what the camera could be made to do and ought to do in teaching the world the things it needs to know—teaching it in a more vivid and direct way."

Mr. Maurer holds sixty United States patents, most of which are in the fields of sound recording, camera design, and chemistry. He recently developed an innovative 8mm sound and image system, and his brilliant pioneering in 16mm optical sound helped make this form the standard for nontheatrical, educational, and scientific films throughout the world.

A native of Massillon, Ohio, John Maurer attended Western Reserve University receiving the A.B. degree, Summa Cum Laude, in 1928, and the M.Sc. degree in 1929. He joined the Research Department of the Radio Corporation of America in 1929, organized the J. A. Maurer Company in 1940, and earned citations for his work during World War II for the Office of Scientific Research and Development. Through lecture, demonstration, and publication he instigated film production and instructional programs in many universities and colleges, including The Ohio State University, during the period of 1940-1950.

A charter member of the Acoustical Society of America, Mr. Maurer is a Fellow of the Society of Motion Pictures and Television Engineers, and a former Vice President of the Society of Photographic Scientists and Engineers.

In recognition of John A. Maurer's vital contributions to the media of communication, The Ohio State University is proud to confer upon him the honorary degree, Doctor of Science.



## ELLIOT LEE RICHARDSON

Doctor of Laws

*Pre-eminent attorney and administrator whose exemplary record is testimony of personal commitment to honorable and intelligent public service.*

Elliot L. Richardson, Secretary of Health, Education, and Welfare, has had a long and distinguished career in a broad spectrum of governmental affairs. During the Eisenhower years, he was appointed Assistant Secretary for Legislation in the Department of Health, Education, and Welfare and was a stalwart advocate of measures to curb juvenile delinquency, improve social security benefits, and elevate standards of public health. These efforts were furthered through his service as Lieutenant Governor of the Commonwealth of Massachusetts and later as Attorney General of that State. His investigation of unfair trade practices and consumer fraud through the establishment of the Nation's first State-level Organized Crime Section was a hallmark of his untiring effort to revamp the criminal justice system in Massachusetts.

Returning to the Nation's Capital in 1969, Elliot Richardson assumed the position of Under Secretary of State. In this role, he served as Chairman of the Under Secretaries Committee of the National Security Council and Chairman of the Board of the Foreign Service.

A 1947 graduate of Harvard Law School, Elliot Richardson has long maintained an active interest in a wide range of professional, educational, and service organizations. In addition to his official responsibilities, Secretary Richardson has served as a member of the Board of Overseers of Harvard College and the World Affairs Council. He is currently a member of the Council on Foreign Relations, a Fellow of the American Academy of Arts and Sciences, and a Fellow of the American Bar Association. He also serves on the Board of Governors of the American National Red Cross.

It is a great honor for The Ohio State University to recognize Elliot L. Richardson for his continued efforts to meet the problems of change with progressive and effective solutions.

## EDMUND MAUTE SPIEKER

Doctor of Science

*An inspirational teacher and scholar whose work has had a profound influence on geological research and exploration.*

A member of The Ohio State University faculty since 1924, Edmund Maute Spieker has achieved great distinction as one of the Nation's foremost geologists. Chairman of The Ohio State University Department of Geology from 1944 to 1952, Dr. Spieker received the bachelor of arts and doctorate degrees from Johns Hopkins University. He is the founder of The Ohio State University Field Geology Station in Utah, and is recognized as a world authority on the structure and stratigraphy of the transition zone between the Colorado Plateau and the Great Basin in Utah.

Prior to assuming his teaching responsibilities, Dr. Spieker was employed as a geologist for Imperial Oil, Ltd. and the government of British Columbia. He was a member of the United States Geological Survey from 1917 to 1965 and has served as Director of The Ohio State University National Science Foundation Summer Institute in Geology and the Nature of Science from 1962 to the present.

The extensive bibliography of Dr. Spieker contains more than thirty publications, many of them being important initial contributions on subjects that form the basis of modern geology. Two of his most significant papers, "Late Mesozoic and Early Cenozoic History of Central Utah" and "Mountain Building Chronology and Nature of Geologic Time Scale," concern the geologic time scale as it relates to the role of mountain building and the manner in which sediments reflect this process.

Dr. Spieker has been actively involved in a number of professional organizations including the American Association for the Advancement of Science, the Geological Society of America, and the Ohio Academy of Science, which he has served as president.

The Ohio State University is honored to recognize this distinguished faculty member for his contributions, not only to the teaching profession, but to the advancement of geological science as well.

## Graduate School

Dean: Arliss L. Roaden

### Doctor of Philosophy

One hundred and one candidates

Pradeep Kumar Agrawal, Meerut, India  
B.Sc. (Agra University); B. Tech. (Indian Institute of Technology); M.S.  
*Dissertation*: Numerical Solution of Wire Antennas in a Cavity  
*Field of Specialization*: Electrical Engineering

Rolf Allerdissen, Nordenham, Germany  
B.A. (Kiel University); M.A.  
*Dissertation*: Die Reise als Flucht. Zu Schnabels Insel Felsenburg und Thümmels Reise in die mittäglichen Provinzen von Frankreich  
*Field of Specialization*: German

Lewis Grant Anderson, Worthington  
B.S. (Pennsylvania State University); M.S.E.E. (Massachusetts Institute of Technology)  
*Dissertation*: Telephone Traffic in a High Capacity Mobile Telephone System  
*Field of Specialization*: Electrical Engineering

Bernard Roy Appleman, Valley Stream, N.Y.  
A.B. (Brandeis University)  
*Dissertation*: Part I. NMR Studies of Dineopentyl-Magnesium Exchange. Part II. *Ab Initio* Calculations of Chemical Shifts  
*Field of Specialization*: Chemistry

Dennis Albert Attwood, Niagara Falls, Ont., Canada  
B.A.S. (University of Waterloo); M.S. (University of Miami)  
*Dissertation*: The Use of a Secondary Task Paradigm to Determine the Effects of Elevated Levels of Carboxyhemoglobin on Human Psychomotor Performance  
*Field of Specialization*: Industrial Engineering

LeRoy Wilson Bandy, Fredericktown  
B.S. (Morris Harvey College); M.S.  
*Dissertation*: The Bioaccumulation and Translocation of Ring-Labeled Chlorine-36 DDT in an Old-Field Ecosystem  
*Field of Specialization*: Zoology

Frank Simms Black, Jr., Columbus  
B.S. in Ed. (Central State College); M.A.  
*Dissertation*: The Relationship between Pupil Mobility and Reading Achievement in High-Mobility-Low-Income Elementary Schools  
*Field of Specialization*: Education

Harold Alonza Black, Gainesville, Fla.  
B.A. (University of Georgia); M.A.  
*Dissertation*: The Money Supply Process in Great Britain: 1951-1969  
*Field of Specialization*: Economics

James Andrew Bobula, Chicago, Ill.  
B.A. (Bellarmine College); M.A.  
*Dissertation*: The Hospital Nurse: Her Self-Perceptions as Professional and as Communicator  
*Field of Specialization*: Speech Communication

Suzanne Gage Brainard, Washington, D.C.  
B.A. (University of Florida); M.A.  
*Dissertation*: A Study of Response Patterns in Learning Disabilities  
*Field of Specialization*: Psychology

Charles George Brown, Dayton  
B.S.E.E. (Purdue University); M.S. (University of Cincinnati)  
*Dissertation*: The Walsh Transform as a Signal Processing Tool, Theory and Applications  
*Field of Specialization*: Electrical Engineering

William Richard Brown, Columbus  
B.S.Ed., M.A.  
*Dissertation*: Teacher Competencies and Characteristics in a Science Preservice Teacher Education Project  
*Field of Specialization*: Education

Diane Pollack Burhenne, Columbus  
B.A. (University of Florida); M.A.  
*Dissertation*: Female and Male Evaluations of Sex-Appropriate and Sex-Inappropriate Sex-Role Stereotypes  
*Field of Specialization*: Psychology

James Slagle Cameron, Columbus  
B.S.; M.S. (Stanford University)  
*Dissertation*: Automatic Document Pseudoclassification and Retrieval by Word Frequency Methods  
*Field of Specialization*: Computer and Information Science

Richard Lewis Catullo, Fargo, N. D.  
B.A. (Montclair State College); M.A. (North Dakota State University)  
*Dissertation*: The Effect of Experiential vs. Didactic Learning and Locus of Control upon Group Decision Making  
*Field of Specialization*: Psychology

Terence Edward Cody, Columbus  
B.S. (Mount Union College); M.S. (Western Reserve University)  
*Dissertation*: Primary Productivity in the Western Basin of Lake Erie  
*Field of Specialization*: Botany

Elizabeth Shimer Czech, Raleigh, N. C.  
B.A. (Georgian Court College); M.A. (Lehigh University)  
*Dissertation*: Interaction between Black and Corporate Culture in Broadcast Management  
*Field of Specialization*: Speech Communication

Louis John DeHayes, Jr., Midlothian, Ill.  
A.B. (University of Illinois); M.S.  
*Dissertation*: Stereochemistry and Conformational Analysis of Some Cobalt (III) Amine Complexes  
*Field of Specialization*: Chemistry

Donald Jeffries Dodsworth, Cincinnati  
B.A. (University of Cincinnati); M.A. in Soc. Adm.  
*Dissertation*: How to Develop Effective Promotional Procedures in Adult Education—A Computer-Assisted Instruction Course  
*Field of Specialization*: Education

Joseph Ernest Dryer, Lancaster, Pa.  
B.E.E., M.S.  
*Dissertation:* Electrical Conduction in Discontinuous Gold Films on an Insulating Substrate  
*Field of Specialization:* Electrical Engineering

Teymour Eliassi-Rad, Mozdaran, Iran  
Fogh. License (Tehran Institute of Technology); M.S. (Michigan State University)  
*Dissertation:* Automatic Longitudinal Control of Ramp Vehicles—Theory and Experiment  
*Field of Specialization:* Electrical Engineering

Afamdi Onwura Ezenwa, Asata-Enizu, Nigeria  
B.S. Agr. (University of Arizona); M.S.  
*Dissertation:* The Reproductive and Disease-Vector Potentials of *Aedes triseriatus*, a Vector of California Encephalitis  
*Field of Specialization:* Entomology

Ronnie Lyle Fadley, Columbus  
B.S. Ed., M.A.  
*Dissertation:* Discrete and Integrated Approaches for the Teaching of Junior High School Speech  
*Field of Specialization:* Education

George Tehan Fischer, Springfield  
B.A., B.S.Ed., M.A.  
*Dissertation:* John Oldmixon, Early Whig Historian  
*Field of Specialization:* History

Brent Malcolm Froberg, Valparaiso, Ind.  
A.B., A.M. (Indiana University)  
*Dissertation:* The Dramatic Excursions in Thuydides' History  
*Field of Specialization:* Classics

William Bert George, Columbus  
B.A. (College of Wooster); M.S.W.  
*Dissertation:* A Study of Large-Scale Organization Change in a Public Assistance Agency  
*Field of Specialization:* Social Work

Nicholas George Gionis, Columbus  
B.S. (United States Naval Academy); M.S. (Air Force Institute of Technology)  
*Dissertation:* Some Models for Multistage Decision Making under Risk  
*Field of Specialization:* Industrial Engineering

Ulrich Goebel, Blacksburg, Va.  
B.A., M.A. (University of Oregon)  
*Dissertation:* Index Verborum to the "Corpus der altdutschen Originalurkunden"—Vol. I  
*Field of Specialization:* German

Kathryn Lewis Gould, Chico, Calif.  
A.B., M.A. Education (Chico State College)  
*Dissertation:* Relationships of Creativity, Reading Comprehension, Intelligence, and Response to a Literature Selection for Fourth Grade Inner-City Children  
*Field of Specialization:* Education

David Victor Goulding, Winnipeg, Man., Canada  
B.P.E. (University of Manitoba); M.A.  
*Dissertation:* Prediction of Exercise Cardiac Output from Resting Supine Stroke Volume and Exercise Heart Rate Using a CO<sub>2</sub> Rebreathing Technique  
*Field of Specialization:* Physical Education

Ronald Gene Helms, Franklin  
B.S. (Fairmont State College); M.A. (University of Dayton)  
*Dissertation:* A Study of Attitudes of Secondary Social Studies Teachers, Principals, and Board Presidents on Academic Freedom  
*Field of Specialization:* Education

Michael Dennis Hock, Worthington  
B.S.Ed., M.C.P.  
*Dissertation:* Factors Shaping Allocation Decisions in a Voluntary Social Service System  
*Field of Specialization:* Education

Ronald Paice Hutchings, Chico, Calif.  
B.S., M.A. (California State Polytechnic College)  
*Dissertation:* The Influence of Excessive Fat Prior to Weaning on the Milking Potential of Beef Heifers  
*Field of Specialization:* Agricultural Education

Kou-Mau Hwang, Kaoshiung, Taiwan  
B.S. Pharm. (Kaoshiung Medical College); M.S.  
*Dissertation:* The Effect of Heavy Metals on the Permeability of Mitochondrial Membrane and Its Energy-Linked Reaction  
*Field of Specialization:* Physiological Chemistry

Raleigh Jackson, Dayton  
B.S. (Southern University, Louisiana); M.A.  
*Dissertation:* A Study of Six Personality Factors in Reading Achievement  
*Field of Specialization:* Education

Ronald Jones, Richmond, B.C., Canada  
O.D. (College of Optometry of Ontario); M.S.  
*Dissertation:* Psychophysical and Oculomotor Responses of Normal and Stereocanonical Observers to Disparate Retinal Stimulation  
*Field of Specialization:* Physiological Optics

Joseph Chester Kauffmann, Canton  
B. of M.E. (Georgia Institute of Technology); M.S. in Mech. Engr. (Illinois Institute of Technology)  
*Dissertation:* Investigation of the Influence of Gasoline Engine Induction System Parameters on the Exhaust Emissions  
*Field of Specialization:* Mechanical Engineering

Michael Henry Kean, Philadelphia, Pa.  
B.A. (Pennsylvania State University); M.A.  
*Dissertation:* Student Unrest and Crisis: The Response of an Urban Educational System  
*Field of Specialization:* Education

David Mark Koenig, Worthington  
B.S. (University of Chicago); M.S. (University of Connecticut)  
*Dissertation:* OSUSIM: A Modular Approach to Dynamic Simulation  
*Field of Specialization:* Chemical Engineering

Robert Donald Krell, Toledo  
B.S. Pharm. (University of Toledo)  
*Dissertation:* The Uptake, Storage and Release of the Optical Isomers of Norepinephrine-<sup>14</sup>C in Tissues of the Rat  
*Field of Specialization:* Pharmacy

Charles Huston Krueger, Jr., Dayton  
E.E. (University of Cincinnati); M.S.  
*Dissertation*: K-Space Formulation of the Two-  
Dimensional Electromagnetic Scattering Problem  
*Field of Specialization*: Electrical Engineering

Woodrow Boothe Krueger, Newark  
B.S., M.S.  
*Dissertation*: Assimilatory Studies of the Inorganic  
Micronutrients (Ca, Cu, Fe, K, Mg, Mn, Na, and Zn)  
Required for Bacterial Sporulation Using Neutron  
Activation Analysis and Atomic Absorption  
Spectrophotometry  
*Field of Specialization*: Microbiology

Edward Barna Kurjack, Oxford  
B.S. (Florida State University); M.S., M.A. (University  
of Alabama)  
*Dissertation*: Prehistoric Lowland Maya Community and  
Social Organization: A Case Study of Dzibilchaltun,  
Yucatan, Mexico  
*Field of Specialization*: Anthropology

Frederick James Ladd, Bristol, England  
Cert. (University of Bristol); M.A.  
*Dissertation*: The Revival Style Alterations at Corsham  
Court: 1749-1849  
*Field of Specialization*: History of Art

Melvyn Paul Leffler, College Park, Md.  
B.Sc. (Cornell University)  
*Dissertation*: The Struggle for Stability: American Policy  
toward France, 1921-1933  
*Field of Specialization*: History

Louis Malcolm Leichter, Brooklyn, N. Y.  
B.S. (Brooklyn College)  
*Dissertation*: Studies of Tricyclo[3.2.0.0<sup>2,3</sup>]hept-6-ene  
and Tricyclo[3.2.0.0<sup>2,3</sup>]heptane Systems  
*Field of Specialization*: Chemistry

Murrell Elroy Lewis, Elyria  
B.S. (Case Institute of Technology)  
*Dissertation*: Derivation of a Correction to the Nuclear  
Optical Model Potential Depth for a Spin-Dependent  
Nucleon-Nucleon Interaction  
*Field of Specialization*: Physics

Lon-Lon Hsu Liao, Taipei, Taiwan  
B.S. (National Taiwan University)  
*Dissertation*: Oxalate Metabolism in the Isolated Perfused  
Rat Liver  
*Field of Specialization*: Physiological Chemistry

Teh-hsiu Liao, Taipei, Taiwan  
B.S. Agr. (National Taiwan University); M.S. (Utah  
State University)  
*Dissertation*: Studies of L-Fucose Metabolism in Higher  
Plants  
*Field of Specialization*: Biochemistry

James Ellsworth Lifer, Ashland  
B.S. in Edu. (Ashland College); M.A.  
*Dissertation*: Guidelines for the Development of a  
Program of Service for State Units of the Association of  
Teacher Educators  
*Field of Specialization*: Education

Jason Hewitt Manchester, Lakeview  
B.S.  
*Dissertation*: A Study of the Magnesium Electrode  
*Field of Specialization*: Chemistry

Patricia Barnes McConnell, Columbus  
B.A. (Fisk University); M.A.  
*Dissertation*: Studies of Cognitive Development in Early  
Infancy  
*Field of Specialization*: Psychology

Donald Neil McMartin, Madelia, Minn.  
B.S., D.V.M. (University of Minnesota); M.S.  
*Dissertation*: Enzyme Activities Associated with the  
Demyelinating Phase of Canine Distemper  
*Field of Specialization*: Veterinary Pathology

James Richard McMillan, Sheffield Lake  
B.A. in Ch.E. (University of Cincinnati); M.B.A.  
(Western Reserve University)  
*Dissertation*: The Role of Perceived Risk in Vendor  
Selection Decisions  
*Field of Specialization*: Business Administration

Ali Nawaz Memon, Karachi, Pakistan  
B.S. (University of Karachi); M.S.  
*Dissertation*: Complexes of Mercury(I) and Iron(III)  
with Polyphosphates  
*Field of Specialization*: Chemistry

Thomas Roger Miller, Memphis, Tenn.  
B.A., M.B.A.,  
*Dissertation*: A Study of the Promotion of Collegiate  
Business Faculty  
*Field of Specialization*: Business Administration

Harold Richard Mitchell, North Charleston, S.C.  
B.A. (South Carolina State College); M.A. (University  
of Denver)  
*Dissertation*: The Responses of Five Language Groups to  
Interconsonantal Differences  
*Field of Specialization*: Speech Communication

Lowell Thomas Moore, Columbus  
B.S.Ed., M.A.  
*Dissertation*: An Analysis of the History of the Columbus  
Public School's Administrative Cadet Program  
*Field of Specialization*: Education

Craig Harlan Mosier, II, Columbus  
B.A. (State College of Iowa); M.A.  
*Dissertation*: Delinquents' Perceptions of Institutional  
Impact: A Validation Study  
*Field of Specialization*: Sociology

Orval Lee Mullen, Oakwood  
B.S., M.S.  
*Dissertation*: Mouse Splenic Cell Immunocompetence in  
Polyoma and Nonpolyoma Tumor Systems  
*Field of Specialization*: Microbiology

Allen Forrest Murphy, Jr., Franklin, Ind.  
B.A. (Kenyon College); M.A.  
*Dissertation*: Reality and Fantasy in the Creative  
Literature of Enrique Anderson Imbert  
*Field of Specialization*: Romance Languages

Michael Earnest Neer, Columbus  
B.A.A.E.

*Dissertation:* An Investigation of Spontaneous Ignitions  
in Flowing Hydrogen Air Mixtures  
*Field of Specialization:* Aeronautical and Astronautical  
Engineering

Florence Chinyere Uwandu Odita, Nsukka, Nigeria  
B.S. (Indiana University); M.S. (Indiana State  
University)  
*Dissertation:* Differences in Pay, Promotion, Job Title, and  
Other Related Factors between Employed Male and  
Female College Graduates as Indicators of Sex  
Discrimination  
*Field of Specialization:* Psychology

Steven Peter Pakes, Anderson, Ind.  
B.S.Agr., D.V.M., M.S.  
*Dissertation:* Studies of Encephalitozoonosis in Rabbits  
*Field of Specialization:* Veterinary Pathology

Beverly Blazey Palmer, Bay Village  
B.A. (University of Michigan); M.A.  
*Dissertation:* The Impact of the New Feminism on  
Marital Interaction with Implications for Counselors  
*Field of Specialization:* Education

Kent Friedley Palmer, Chillicothe  
B.S.Phys.  
*Dissertation:* Finer Details in the Infrared Bands of  
Acetylene  
*Field of Specialization:* Physics

Shitla Prasad Pathak, Udaipur, India  
B.Sc.Agr., M.Sc.Agr. (Agra University)  
*Dissertation:* The Effect of Nitrogen, Potassium, Alar  
and Gibberellin on Growth and Fruiting Behavior of  
Himrod Grapes  
*Field of Specialization:* Horticulture

Judith Austin Peterson, Dunkirk, N. Y.  
B.A. (University of Southern California); M.A.  
*Dissertation:* A Study of the Effects of Social and  
Prosocial Status on Sharing  
*Field of Specialization:* Psychology

Richard B. Pilmer, Dayton  
B.S., M.S. (University of California, Los Angeles)  
*Dissertation:* Pulmonary Compliance and Histology in  
Rats Exposed to Hyperoxic Environments at  
Normobaric and Reduced Pressures  
*Field of Specialization:* Physiology

Richard Bruce Prior, Johnstown  
B.A., M.S.  
*Dissertation:* *Plasmodium berghei* Freed from Host  
Erythrocytes by a Continuous-Flow Ultrasonic System:  
A Morphological and Immunological Study  
*Field of Specialization:* Microbiology

Larry Anderson Pugh, Yorkville  
B.S.  
*Dissertation:* A Detailed Study of the Near Infrared  
Spectrum of Water Vapor  
*Field of Specialization:* Physics

Jack Jay Purdum, Omaha, Neb.  
B.A. (Muskingum College); M.A.  
*Dissertation:* Investment in Land Enclosures: A Study  
of Five Nottinghamshire Manors, 1783-1807  
*Field of Specialization:* Economics

Allen Keith Rachel, San Antonio, Tex.  
B.G.E. (University of Omaha); M.B.A.  
*Dissertation:* The Relationship between Resource  
Utilization and Patient Care at the Individual Level  
*Field of Specialization:* Business Administration

Jesus Antonio Rico-Velasco, Bogota, Colombia  
Licenciado (Universidad Nacional de Colombia);  
Viviendista (Centro Interamericano de Vivienda); M.S.  
*Dissertation:* Modernization and Fertility in Puerto Rico:  
An Ecological Analysis  
*Field of Specialization:* Sociology

Gerald Lacy Robinson, Columbus  
B.S.E.E. (Massachusetts Institute of Technology);  
M.Ind.Eng. (New York University)  
*Dissertation:* Value Assessment for Decisions in Complex  
Systems  
*Field of Specialization:* Industrial Engineering

Jane Downs Rupp, Columbus  
B.A. (College of Wooster); M.A.  
*Dissertation:* The Prediction of Reading Readiness with  
Auditory and Visual Assessors and Intelligence Test in  
Three Sub-Samples  
*Field of Specialization:* Education

Kay Frankforter Schaffer, Toledo  
B.S.Phys.Ther.; M.S. (University of Wisconsin)  
*Dissertation:* Vocational Interests and Emotional  
Maladjustment  
*Field of Specialization:* Psychology

Frank Schimpfhauser, Columbus  
B.S.Ed. (State University College at Buffalo); M.A.  
*Dissertation:* A Multivariate Study of the Career  
Development of Potential Pharmacists  
*Field of Specialization:* Education

Malcolm Keith Scott, Lorain  
B.S. (Baldwin-Wallace College); M.S.  
*Dissertation:* The Effect of Ether Oxygen in the  
Chemistry of Medium-Sized Rings  
*Field of Specialization:* Chemistry

Shiv Kumar Seth, Amritsar, India  
B.Pharm., M.Pharm. (Panjab University)  
*Dissertation:* Anticonvulsants and Psychotherapeutic  
Agents of Known Absolute Configuration  
*Field of Specialization:* Pharmacy

Kazumitsu Shinohara, Kochi, Japan  
B.E. (Tokyo Institute of Technology); M.S.  
*Dissertation:* The Behavior of Misfit Dislocations during  
Interdiffusion  
*Field of Specialization:* Metallurgical Engineering

Earl Richard Shoup, Gahanna  
B.S.M. (Capital University); M.A.  
*Dissertation:* Supply and Demand for Music Teachers in  
Ohio: An Analysis of 1959-1971 with Projections for 1976  
*Field of Specialization:* Education

- Birandra Kumar Sinha, Bihar, India  
B.Sc. (Bihar University); M.Sc. (Patna University); M.S.  
*Dissertation*: Synthesis of cis- and trans-2-Mercaptocyclobutylamines and Related Analogs as Radio protective Agents  
*Field of Specialization*: Pharmacy
- Fredrick Larnee Smith, Huntington, W.Va.  
B.S. (Marshall University); M.S.  
*Dissertation*: On Finite Groups Whose Sylow 2-Subgroups Are the Direct Product of a Dihedral and a Semi-Dihedral Group  
*Field of Specialization*: Mathematics
- Raymond Stewart Smith, Columbus  
B.S., M.S. (Michigan State University)  
*Dissertation*: Interactions between *Rhizobium japonicum* and Soybean Rhizosphere Organisms  
*Field of Specialization*: Agronomy
- Jaris Stern, Columbus  
B.A. (State University of New York at Buffalo); M.A.  
*Dissertation*: The Effects of Didactic, Modeling and Experiential Counselor Training on Reflection of Feeling  
*Field of Specialization*: Psychology
- Monim Rauf Suliman, Khartoum, Sudan  
B.Sc. (University of Khartoum); M.S. (Northwestern University)  
*Dissertation*: Reactions of Titanium Tetrabromide with Tetrakis[dimethylamino]diboron (4) and Bis [dimethylamino]bromoborane  
*Field of Specialization*: Chemistry
- John Lewis Sullivan, Columbus  
B.A. (Morris Harvey College); M.S. (Ohio University)  
*Dissertation*: Imitative Learning, Family Constellations and the Development of Attitudes of Responsibility in Children  
*Field of Specialization*: Psychology
- David M. W. Travers, Kalamazoo, Mich.  
A.B. (Oberlin College); M.A.  
*Dissertation*: On Brentano's *Psychology from an Empirical Standpoint*  
*Field of Specialization*: Philosophy
- David Greer Tucker, Oakland, Calif.  
B.A. (Brigham Young University)  
*Dissertation*: The Effect of a Simulation Treatment on Attitudes and Behavior of Student Teachers and Their Inner-City Classroom Pupils  
*Field of Specialization*: Education
- Gopal Kewalsingh Valecha, Bombay, India  
B.A., M.A. (University of Bombay)  
*Dissertation*: Construct Validation of Internal-External Locus of Control as Measured by an Abbreviated 11-Item I-E Scale  
*Field of Specialization*: Psychology
- Larry Lee Venham, New Albany  
D.D.S., M.S.  
*Dissertation*: The Influence of the Parent's Presence in the Dental Operatory on the Behavior and Anxiety of Children Receiving Dental Treatment  
*Field of Specialization*: Psychology
- Robert Barnett Votaw, Bakersfield, Calif.  
B.S., A.M. (Indiana University)  
*Dissertation*: Conodont Biostratigraphy of the Black River Group (Middle Ordovician) and Equivalent Rocks of the Eastern Midcontinent, North America  
*Field of Specialization*: Geology
- Clyde Kenneth Walter, Jr., Canfield  
B.S.E.E. (Case Institute of Technology); M.B.A.  
*Dissertation*: An Empirical Analysis of Two Stockout Models  
*Field of Specialization*: Business Administration
- Richard Eugene Webb, Columbus  
B.S.E.P. (University of Toledo)  
*Dissertation*: Some Autocatalytic Effects during Explosive Power Transients in Liquid Metal Cooled, Fast Breeder, Nuclear Power Reactors (LMFBRs)  
*Field of Specialization*: Nuclear Engineering
- Rodney Cecil White, Houlton, Me.  
B.A. (Ricker College)  
*Dissertation*: Studies on Cell Wall Metabolism of the Green Alga *Chlorella pyrenoidosa*  
*Field of Specialization*: Biochemistry
- Marta Nevampaa Whitlock, Worthington  
A.B. (Grinnell College); M.A.T. (Harvard University)  
*Dissertation*: Voluntary Associations in Salem, Massachusetts, before 1800  
*Field of Specialization*: History
- Shirley Ahlers Williams, Englewood  
B.S.Ed., M.A.  
*Dissertation*: The Effect of the Scientific Revolution on Spanish Fiction as Revealed in Selected Works (1789-1969)  
*Field of Specialization*: Romance Languages
- Robert Eugene Wingard, Jr., Auburn, Ala.  
B.S. (Auburn University)  
*Dissertation*: Aspects of the Chemistry of Unsaturated Heterocyclic and Carbocyclic Propellanes  
*Field of Specialization*: Chemistry
- Joseph Klaus Wittemann, Columbus  
B.S. (State University College, Plattsburgh, New York); M.A.  
*Dissertation*: A Multivariate Analysis of Stable and Various Non-Stable Career Paths Related to Dentistry  
*Field of Specialization*: Education
- Helmut Traugott Zwahlen, Athens  
Diploma (Technical College of Berne, Switzerland); M.S. (Ohio University)  
*Dissertation*: An Investigation into the Risk Acceptance Behavior and Information Seeking Behavior of Drivers  
*Field of Specialization*: Industrial Engineering

## Certificate of Specialist in Educational Administration

One candidate

Robert Stocking Stephen, Canton  
B.S.Ed., M.A. (Miami University)

## Master of Accounting

One candidate

Kenneth Owen Shull, Sylvania  
B.S.Bus.Adm.  
*Field of Specialization: Accounting*

## Master of Arts

One hundred and fifty-five candidates

Burton Alan Abrams, Chicago, Ill.  
B.S. (Illinois Institute of Technology)  
*Field of Specialization: Economics*

Martha Bolton Agler, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Michael Louis Allain, Chicago, Ill.  
B.A. (Northeastern Illinois State College)  
*Field of Specialization: History*

Gerald Randolph Anders, Jr., Cleveland  
B.A. (Carson-Newman College)  
*Field of Specialization: Music*

Aileen Louik Applebaum, Columbus  
B.S. (Carnegie Institute of Technology)  
*Field of Specialization: Education*

Kristin Janina Aronson, Brookfield, Conn.  
B.A.  
*Field of Specialization: Philosophy*

David Arthur Bahlman, Findlay  
B.A.  
*Field of Specialization: History of Art*

Eliette M-C. Barraud, Grenoble, France  
Dipl. (Université de Grenoble)  
*Field of Specialization: Romance Languages*

Sheryl Kathryn Beight, East Palestine  
A.B. (Youngstown University)  
*Field of Specialization: Romance Languages*

Robert Bender, Bronx, N. Y.  
B.A. (Villanova University)  
*Field of Specialization: English*

Barbara Fridrich Bergman, Columbus  
B.A. (Cleveland State University)  
*Field of Specialization: Psychology*

George Oliver Bertram, Columbus  
B.S. in Ed. (Ball State Teachers College)  
*Field of Specialization: Education*

Elmer Bert Bonte, Columbus  
A.B. (Central College, Iowa); B.Div. (New Brunswick Theological Seminary)  
*Field of Specialization: Education*

Denis Alan Breen, Cincinnati  
B.S. in Bus. Adm. (Northwestern University)  
*Field of Specialization: Economics*

Nancy Ellen Brown, Columbus  
B.A., B.S.Ed.  
*Field of Specialization: English*

Gary Eugene Burris, Washington C. H.  
B.S.Ed. (Ohio University)  
*Field of Specialization: Education*

Sonja Jean Burris, Cambridge  
B.S.Ed.  
*Field of Specialization: Education*

Jeffery Alan Cabot, West Lafayette  
B.S.Bus.Adm.  
*Field of Specialization: Public Administration*

Colin Stephen Cass, Briarcliff, N. Y.  
A.B. (Hamilton College)  
*Field of Specialization: English*

Elizabeth Kaye Chrisman, Columbus  
B.A. (Ohio Dominican College)  
*Field of Specialization: Art Education*

Richard Gordon Coakwell, Columbus  
B.S.Agr.  
*Field of Specialization: Education*

Daniel Ralph Cobb, Columbus  
B.A. (Bowling Green State University)  
*Field of Specialization: Economics*

Maria Regina Coccia, Columbus  
B.A.  
*Field of Specialization: Psychology*

Barbara Sue Combs, South Lebanon  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: English*

David Elroy Confer, Powell  
B.S.Ed.  
*Field of Specialization: Education*

David John Cordea, Worthington  
B.A.  
*Field of Specialization: Psychology*

Mary Constance Coughlin, Columbus  
A.B. (Ohio Dominican College)  
*Field of Specialization: Education*

Norman Edward Cox, Reynoldsburg  
B.A.Jour.  
*Field of Specialization: Journalism*

Michael John D'Amore, Union City, N. J.  
B.S. (Saint Peter's College, New Jersey); M.S.  
*Field of Specialization: Philosophy*

Frederick Edward Davis, Jr., Yellow Springs  
B.A.  
*Field of Specialization: Public Administration*

Stanley Philip Deibert, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Allan Miles Dellinger, Willshire  
B.M. (Saint Louis Institute of Music)  
*Field of Specialization: Dance*

Diane DiGiammarino, Waynesboro, Pa.  
B.S.Ed. (Indiana University of Pennsylvania)  
*Field of Specialization: Art Education*

Franklin Perry Dustman, Ravenna  
B.S. in Edu. (Otterbein College)  
*Field of Specialization: Physical Education*

Judith Rawers Eiffert, Dayton  
B.S. (University of Dayton)  
*Field of Specialization: Education*

Georganna Gardner Elgabri, Columbus  
B.A. (University of California at Los Angeles)  
*Field of Specialization: Journalism*

Ibrahim Ahmed A. ElSamadoney, Mansura, Egypt  
B.A. (Ain Shams University)  
*Field of Specialization: Education*

Dale Francis Everett, Columbus  
B.S.  
*Field of Specialization: Physical Education (Health Education)*

Ning-Ning Fang, Taipei, Taiwan  
B.A. (National Taiwan University)  
*Field of Specialization: East Asian Languages*

Patrick Anton Fix, Columbus  
B.A.  
*Field of Specialization: English*

- Mary Joyce Folsom, Bellefontaine  
B.A. (Capital University)  
*Field of Specialization:* Education
- Nancy Eicholtz Forester,  
East Liverpool  
B.A. (University of Virginia,  
Mary Washington College)  
*Field of Specialization:* Theatre
- Patty Stewart Gabelman, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- William Gray Galbreath,  
Princeton, W. Va.  
B.A. (Pennsylvania State University)  
*Field of Specialization:* Psychology
- Sharon Shiplett Gandee, Akron  
B.A. (Notre Dame College)  
*Field of Specialization:* Education
- Mary Wolfe Godwin, Columbus  
B.S. (Oklahoma State University)  
*Field of Specialization:* Education
- Virginia Niswonger Gordon,  
Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- George Michael Gribble, Newark  
B.S.Ed.  
*Field of Specialization:* Education
- Richard Earl Groseclose, Westerville  
B.S.Ed.  
*Field of Specialization:* Physical  
Education
- Archibald Francis Gunn, III,  
Columbus  
B.S.  
*Field of Specialization:* Education
- John Dennis Guthrie, Marion  
B.S. (United States Military  
Academy); M.Ed. (Mercer  
University)  
*Field of Specialization:* Education
- Jack Lee Hamilton, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Jeanne Reed Harris, Delaware  
B.S.H.E.  
*Field of Specialization:* Education
- Margaret Glockner Hartshorn,  
Lancaster  
B.A. (Dominican College of  
San Rafael)  
*Field of Specialization:* English
- David Virgil Hellard, West Milton  
B.S.Ed. (Miami University)  
*Field of Specialization:* Education
- Gerald Richard Hoekstra,  
Evergreen Park, Ill.  
A.B. (Calvin College)  
*Field of Specialization:* Music
- Thomas Leo Hoffman, Richwood  
B.Sc. in Edu. (Bowling Green State  
University)  
*Field of Specialization:* Education
- LaMar Rae Holsopple, Archbold  
B.S. (Goshen College)  
*Field of Specialization:* Education
- Phoebe Rose Howard,  
Oak Ridge, Tenn.  
B.A. (Rollins College)  
*Field of Specialization:* Psychology
- William Davis Hunter, Columbus  
B.S. in Educ. (Otterbein College)  
*Field of Specialization:* Education
- Douglas Neil Husak, Westlake  
B.A. (Denison University)  
*Field of Specialization:* Philosophy
- Bruce Allen Jacobs, Cleveland  
B.S.Ed.  
*Field of Specialization:* Education
- Richard Louis Jensen, Logan, Utah  
B.A. (Utah State University)  
*Field of Specialization:* History
- George Richard Johnson, Jr.,  
Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Michael Thomas Jones,  
Newport News, Va.  
B.A. (College of William and Mary)  
*Field of Specialization:* Philosophy
- Susan Goodman Josephson, Columbus  
B.A.  
*Field of Specialization:* Philosophy
- Robert George Kaiden, Jr., Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Susan Fershee Keating, Carlisle  
B.A. (Maryville College)  
*Field of Specialization:* German
- Mary Margaret Kerezzi, Kettering  
B.S. (University of Dayton)  
*Field of Specialization:* Speech  
Communication
- Susan Lynn Kjellman,  
Allison Park, Pa.  
B.S. in Edu.  
*Field of Specialization:* Education
- Kent Allan Kloman, Grove City  
B.S. in Edu. (Kent State University)  
*Field of Specialization:* Education
- Charlotte Emma Krack, Erie, Pa.  
B.A. (Wittenberg University)  
*Field of Specialization:* English
- Linda Carol Krieger, Worthington  
B.S.Ed. (State University College,  
Geneseo, New York)  
*Field of Specialization:* Education
- Thomas James Lasley, II, Norwalk  
B.S.Ed.  
*Field of Specialization:* Education
- Judith Crowe Lawson,  
Monrovia, Calif.  
B.A. (University of California at  
Santa Barbara)  
*Field of Specialization:* Education
- Richard Jeffrey Lear, Bucyrus  
B.S.Ed.  
*Field of Specialization:* Education
- Madelon Rhoda Levy, Hamilton  
B.A.  
*Field of Specialization:* Education
- Edith Lowery Love, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Alan James Matthews, Columbus  
B.S.E.E. (Ohio University)  
*Field of Specialization:* Economics
- Sandi Fleszar Mayewski,  
Buffalo, N. Y.  
B.A. (State University of New York  
at Buffalo)  
*Field of Specialization:* Slavic  
Languages
- Jane Tucker McDonald, Columbus  
B.S. (University of South Carolina)  
*Field of Specialization:* Education
- Stephen Larry McElroy, Columbus  
B.A.  
*Field of Specialization:* Education
- Frederick Meister, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- David Chester Mellick, Wellington  
B.A. (Greenville College, Illinois)  
*Field of Specialization:* Philosophy
- Bishetta Dionne Merritt, Danville, Va.  
B.A. (Fisk University)  
*Field of Specialization:* Speech  
Communication
- Faye Sharon Mervis, Shaker Heights  
B.A. (George Washington University)  
*Field of Specialization:* Romance  
Languages
- Michele Anne Miller, Columbus  
B.A. (Miami University)  
*Field of Specialization:* English



- William Paul Mockovak,  
Danbury, Conn.  
B.S. (United States Air Force Academy)  
*Field of Specialization:* Psychology
- Danna Rasmussen Monsul, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Education
- Sister Mary Bridget Murphy,  
Columbus  
B.S. (Our Lady of Cincinnati College)  
*Field of Specialization:* Education
- Thomas Alphonse Muth, Columbus  
B.S. in B.A. (University of Dayton);  
J.D. (Salmon P. Chase College)  
*Field of Specialization:* Speech Communication
- Larysa Ann Mykyta, Lorain  
B.A.  
*Field of Specialization:* Romance Languages
- Shirley Marie Nault, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Virginia Ellen O'Brien,  
Meredith, N. H.  
B.A. (Belknap College)  
*Field of Specialization:* Education
- Joan Broadstone Osborn, Dayton  
B.S. (Wright State University)  
*Field of Specialization:* Education
- Irene Conrada Pancner,  
Shaker Heights  
B.A. (Case Western Reserve University)  
*Field of Specialization:* Romance Languages
- Rosalyn Ann Pannent, Cleveland  
B.A. (Cleveland State University)  
*Field of Specialization:* Education
- Martha Mary Pereszlenyi, Lakewood  
B.A. (Cleveland State University)  
*Field of Specialization:* Romance Languages
- Pamela Dunn Peters, Lake City, Pa.  
B.A. (Otterbein College)  
*Field of Specialization:* Education
- Cheryl Lynn Phillips, Columbus  
B.S. in Edu. (Kent State University)  
*Field of Specialization:* Education
- James Lawson Pirdy,  
Alta Loma, Calif.  
B.A. (University of California at Santa Barbara)  
*Field of Specialization:* Education
- Rex Joe Prater, Columbus  
B.S.Ed.  
*Field of Specialization:* Speech Communication
- Mary Margaret Ralstin, Otway  
B.A.  
*Field of Specialization:* Speech Communication
- Ann Littmann Rappoport,  
St. Louis, Mo.  
A.B. (Oberlin College)  
*Field of Specialization:* Political Science
- William Floyd Ratliff, Columbus  
B.A.  
*Field of Specialization:* Romance Languages
- William Hill Reid, Delaware  
B.A. (Georgetown College); B.D. (South Baptist Theological Seminary)  
*Field of Specialization:* Education
- Stephen Archer Reilly, Columbus  
B.A.  
*Field of Specialization:* Speech Communication
- Linda Rae Robinson, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- William Blackburn Rogers, Columbus  
B.A. (Denison University)  
*Field of Specialization:* Journalism
- Mary Joy Rose, Columbus  
B.S.Ed., M.A.  
*Field of Specialization:* Journalism
- Virginia Lorenzen Rose, Worthington  
B.S.Ed.  
*Field of Specialization:* Education
- Judith Wilson Ross, Worthington  
B.S.Ed.  
*Field of Specialization:* Education
- Dorothy Friedman Rubenstein,  
Columbus  
B.A. (Capital University)  
*Field of Specialization:* Education
- Joyce Dorothy Rudebush,  
New Bremen  
B.S.Ed.  
*Field of Specialization:* Education
- Nicholas Mark Russo,  
New Castle, Pa.  
B.A. (Xavier University)  
*Field of Specialization:* Classics
- Michael Jay Saks, Philadelphia, Pa.  
B.A., B.S. (Pennsylvania State University)  
*Field of Specialization:* Psychology
- Shashi Kala Sampath,  
Bangalore, India  
B.A., M.A. (Bangalore University)  
*Field of Specialization:* Journalism
- Paul David Schaefer, Galloway  
B.A. (Capital University)  
*Field of Specialization:* Education
- Susan Mary Schafer, Columbus  
B.A.  
*Field of Specialization:* Speech Communication
- Susan Brennan Schill, Syracuse, N. Y.  
B.A. (Le Moyne College)  
*Field of Specialization:* History
- John James Schleffendorf,  
Waukegan, Ill.  
B.S. (Southern Illinois University)  
*Field of Specialization:* Speech Communication
- Jacqueline Ann Schmidt,  
Sepulveda, Calif.  
B.A. (University of California at Santa Barbara)  
*Field of Specialization:* Education
- Roy Michael Schonfeld,  
Great Neck, N. Y.  
B.A. (Miami University)  
*Field of Specialization:* Political Science
- Lawrence Clifford Schourup,  
Del Mar, Calif.  
B.A. (University of California at San Diego)  
*Field of Specialization:* Linguistics
- Carol Rose Schwebel, Columbus  
B.S. (New York University)  
*Field of Specialization:* Education
- Rebecca Peterson Sealove, Wilmington  
B.S.Ed.  
*Field of Specialization:* Education
- Michael Robert Seifried,  
Jeffersonville, Ind.  
B.A. (Wabash College)  
*Field of Specialization:* German
- Richard Harold Sines, Columbus  
B.A. (Miami University); M.S.  
*Field of Specialization:* Economics
- Evelyn Jean Small, Greenville  
B.A. (Miami University)  
*Field of Specialization:* Political Science
- John Joseph Snyder, Lewisburg, Pa.  
B.A. (California State College at Long Beach)  
*Field of Specialization:* Philosophy

Sallie Fosdick Soiberg, Columbus  
A.B. (Indiana University)  
*Field of Specialization: Education*

Michael Louis Steve, Smithfield, Pa.  
B.A.  
*Field of Specialization: German*

Richard Donald Studer, Worthington  
B.A. (Muskingum College)  
*Field of Specialization: Education*

Allen Suggs, Jr., Columbus  
B.S. (Mississippi Vocational College)  
*Field of Specialization: Education*

Davie Tate, Jr., Columbus  
B.S. (Ohio University)  
*Field of Specialization: Education*

Richard Raymond Teaff, Columbus  
B.A. (Capital University)  
*Field of Specialization: Education*

Unice Henrietta Teasley, Middletown  
B.S.Ed.  
*Field of Specialization: Education*

Patricia Schopfer Teegardin,  
Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Roy Lee Thomas, Anderson, S. C.  
B.S. (Wilberforce University)  
*Field of Specialization: Education*

Deborah Kay Thompson, Cambridge  
B.S. (Kent State University)  
*Field of Specialization: Physical  
Education*

Katherine O'Neill Tracey, Grove City  
B.A. (College of Wooster)  
*Field of Specialization: Education*

Gabriel Thomas Ukott, Abak, Nigeria  
B.S. (Paine College)  
*Field of Specialization: Education*

Stephen Joseph Vanaman,  
Louisville, Ky.  
A.B. (Saint Mary's Seminary,  
Maryland)  
*Field of Specialization: Philosophy*

Karen Elizabeth Printy Walby,  
Fremont  
B.A.  
*Field of Specialization: Geography*

Henry Matthew Ward, Lancaster  
B.S. (Middle Tennessee State College)  
*Field of Specialization: Music*

JoAnne Rohrer Ward,  
Kansas City, Mo.  
B.A. (University of Missouri)  
*Field of Specialization: Education*

Carol Anne Wengerd, Louisville  
A.B. (Ohio University)  
*Field of Specialization: Psychology*

Donna McIntyre Whyte, Columbus  
B.A.  
*Field of Specialization: Education*

Margaret Williams, Columbus  
B.S. (West Virginia State College)  
*Field of Specialization: Education*

Sheila Pugh Wolfe, Columbus  
B.A. (Wellesley College)  
*Field of Specialization: History of  
Art*

Richard Eugene Zeller, Fairview Park  
B.S. (Pennsylvania State University)  
*Field of Specialization: Geography*

William Florian Zenker, Columbus  
B.S.Bus.Adm., B.A.  
*Field of Specialization: Education*

Susan Burr Zimmerman, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Ira Marc Zucker, Staten Island, N. Y.  
B.A. (State University College at  
Oneonta)  
*Field of Specialization: Speech  
Communication*

Ruth Krauthamer Zwelling, Zanesville  
B.A.  
*Field of Specialization: Education*

## Master of Business Administration

Thirty-one candidates

Charles John Adam, Dayton  
B.S.Bus.Adm.  
*Field of Specialization: Business  
Administration*

Yogesh Krishna Agrawal,  
Lucknow, India  
B.Tech. (Indian Institute of  
Technology); M.S.  
*Field of Specialization: Business  
Administration*

Mark Edward Bjerke,  
Walla Walla, Wash.  
B.S. in Agr. (Washington State  
University)  
*Field of Specialization: Business  
Administration*

William Van Corban, Kettering  
B.S., J.D.  
*Field of Specialization: Business  
Administration*

Joseph Michael Culp, Columbus  
A.B. (Rockhurst College)  
*Field of Specialization: Business  
Administration*

Donald Lee Curtis, Columbus  
B.S.M.E. (Tufts University)  
*Field of Specialization: Business  
Administration*

David George Eickholt, Columbus  
B.S. (University of Notre Dame)  
*Field of Specialization: Business  
Administration*

Warren Lee Erickson,  
Valparaiso, Ind.  
B.S.I.M. (Purdue University)  
*Field of Specialization: Business  
Administration*

Vincenzo Ferranti, Columbus  
B.A.  
*Field of Specialization: Business  
Administration*

Jerry Curtis Fletcher, Chillicothe  
B.S.Agr.  
*Field of Specialization: Business  
Administration*

Alan Charles Gerboc, Cleveland  
B.A.  
*Field of Specialization: Business  
Administration*

Steven Eugene Glass,  
Washington C. H.  
B.A.  
*Field of Specialization: Business  
Administration*

Robert Gourley Hersam, Granville  
B.S. (Denison University)  
*Field of Specialization: Business  
Administration*

Bryce Haven Hooker, Uhrichsville  
B.S.Bus.Adm.  
*Field of Specialization: Business  
Administration*

William Hardin Jamison, Columbus  
B.S. (Washington and Lee  
University)  
*Field of Specialization: Business  
Administration*

William Frank Kearns, Columbus  
B.S.A.A.E.  
*Field of Specialization: Business  
Administration*

Burton Charles Krieger, Dayton  
B.S.Bus.Adm.  
*Field of Specialization: Business  
Administration*

Robert Browning Ligon, Granville  
B.S. (University of Kentucky)  
*Field of Specialization:* Business  
Administration

Douglas Melville Payne, Ashtabula  
B.S. (Purdue University)  
*Field of Specialization:* Business  
Administration

Max Lee Richardson, Newark  
B.S.I.M. (Purdue University)  
*Field of Specialization:* Business  
Administration

Dean Edwin Robertson, Westerville  
B.S.Bus.Adm.  
*Field of Specialization:* Business  
Administration

James Edward Rohr, Beachwood  
B.A. (University of Notre Dame)  
*Field of Specialization:* Business  
Administration

Carl James Rotter, Chagrin Falls  
B.S. (University of Pittsburgh)  
*Field of Specialization:* Business  
Administration

Jeffrey Owen Smith, Pittsford, N. Y.  
B.A. (Wittenberg University)  
*Field of Specialization:* Business  
Administration

Lonnie Stagg Smith, Columbus  
A.B. (Grove City College)  
*Field of Specialization:* Business  
Administration

Ruford Linley Tipton, Dayton  
B.S.  
*Field of Specialization:* Business  
Administration

Robert George Tuhacek, Wickliffe  
B.S.Bus.Adm.  
*Field of Specialization:* Business  
Administration

Alex Paul Ver, Delaware  
B.S. (Illinois Institute of Technology)  
*Field of Specialization:* Business  
Administration

Peter John Wells, Cleveland  
B.B.A. (Cleveland State University)  
*Field of Specialization:* Business  
Administration

James Edward White, Columbus  
B.A.A.E.  
*Field of Specialization:* Business  
Administration

Stephen Martin Zawitz, South Euclid  
B.S. (Miami University)  
*Field of Specialization:* Business  
Administration

## Master of City Planning

Two candidates

David Frank Holscott, Cleveland  
B.A. (Cleveland State University)  
*Field of Specialization:* City and  
Regional Planning

Thomas Alfred Lindstrom,  
Bay Village  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* City and  
Regional Planning

## Master of Fine Arts

Three candidates

Mary Ann Peterson Dewald,  
Columbus  
B.F.A.  
*Field of Specialization:* Fine Arts  
(Sculpture)

Patricia Nilson McCulloh, Gambier  
B.A., B.S.Ed.  
*Field of Specialization:* Fine Arts  
(Graphics)

Ellis Robert Veatch, II,  
Anchorage, Alaska  
B.F.A.  
*Field of Specialization:* Fine Arts  
(Graphics)

## Master of Music

Two candidates

Diana Ruth Duffin, Yardley, Pa.  
B.S. (Juilliard School of Music)  
*Field of Specialization:* Music

Patricia Wood Sergi, Springfield  
B.Mus.  
*Field of Specialization:* Music

## Master of Science

One hundred and forty-nine candidates

Sulaiman Adeniyi Adekola,  
Lagos, Nigeria  
B.S. (Eng.) (Ahmadu Bello  
University, Nigeria)  
*Field of Specialization:* Electrical  
Engineering

James Albert Antoline, Galion  
B.E.E. (General Motors Institute)  
*Field of Specialization:* Electrical  
Engineering

Richard Carl Baer, Maumee  
B.S.Agr.  
*Field of Specialization:* Botany

Judith Louise Banks, Columbus  
B.S.  
*Field of Specialization:* Botany

Thomas Glenn Baybrook, Latrobe, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization:* Geodetic  
Science

Charles Hamilton Bell, Frazeysburg  
B.S.Agr.  
*Field of Specialization:* Agricultural  
Education

<sup>1</sup>Richard Alan Bell, Middlefield  
*Field of Specialization:* Mechanical  
Engineering

Stuart Frick Biggar,  
Bakersfield, Calif.  
B.S. (United States Air Force  
Academy)  
*Field of Specialization:* Physics

Norman Ralph Blaney, Sarahsville  
B.S. in Agr. (West Virginia  
University)  
*Field of Specialization:* Agricultural  
Education

Jeffrey Lee Blough, Wooster  
B.S. (Alma College)  
*Field of Specialization:* Metallurgical  
Engineering

<sup>2</sup>David Roy Boodey, Peninsula  
*Field of Specialization:* Chemical  
Engineering

William Paul Bradford, Mt. Vernon  
A.B. (Atlantic Union College);  
B.S. (Loma Linda University)  
*Field of Specialization:* Pathology

Jon Andrew Branson, Midland, Mich.  
B.S. (Michigan State University)  
*Field of Specialization:* Chemical  
Engineering

Nancy Andrew Brunner, Columbus  
B.S.Nurs.  
*Field of Specialization:* Nursing

Frances Clare Butler,  
Halifax, N. S., Canada  
B.Sc. (Saint Francis Xavier  
University, Nova Scotia)  
*Field of Specialization:* Allied  
Medicine

Kenneth Peter Camerier, Columbus  
B.S.M.E. (Marquette University)  
*Field of Specialization:* Mechanical  
Engineering

<sup>1</sup> Also Bachelor of Mechanical Engineering,  
College of Engineering.

<sup>2</sup> Also Bachelor of Chemical Engineering,  
College of Engineering

William Carl Carlson, Columbus  
B.S. (University of Washington)  
*Field of Specialization: Natural Resources*

Lois Cheung Chan, Lakewood  
B.Sc. (Chinese University of Hong Kong)  
*Field of Specialization: Botany*

Festus Charles,  
Port-au-Spain, Trinidad  
Dipl. (Royal Institution of Chartered Surveyors, Trinidad)  
*Field of Specialization: Geodetic Science*

David Yu-Hung Chen,  
Chattanooga, Tenn.  
B.S.E.E. (Purdue University)  
*Field of Specialization: Electrical Engineering*

Richard Kendall Childers, Catlin, Ill.  
B.S. (University of Illinois)  
*Field of Specialization: Physics*

Elias Nicholas Chotas,  
Gainesville, Fla.  
B.S. (Duke University)  
*Field of Specialization: Chemistry*

Kurtis Ying Chow, Seattle, Wash.  
B.S.Ch.E. (University of Washington)  
*Field of Specialization: Chemical Engineering*

Anita Marguerite Collins,  
Kutztown, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization: Genetics*

James Patrick Collins,  
Wantagh, N. Y.  
B.A. (Hofstra University)  
*Field of Specialization: Geodetic Science*

Phillip Roger Cowles, Wilton, N. D.  
B.A. (Saint John's University);  
B.S.C.E. (University of Missouri at Rolla)  
*Field of Specialization: Geodetic Science*

John Mackenzie Crabill, Columbus  
B.S., D.D.S.  
*Field of Specialization: Dentistry*

James Eugene Cummins, Pioneer  
B.S.Agr.  
*Field of Specialization: Agricultural Education*

Bruce Ivan Darbee,  
South Wales, N. Y.  
B.S.Agr.  
*Field of Specialization: Agricultural Economics and Rural Sociology*

Jerome Gordon Dare, Columbus  
B.A. (University of California, Berkeley)  
*Field of Specialization: Physics*

Stanley Edward DeBoer, Jr.,  
Glen Rock, N. J.  
A.B., B.S. (Rutgers University)  
*Field of Specialization: Mechanical Engineering*

David Henry Diebold,  
Los Lunas, N. M.  
B.S. (New Mexico State University)  
*Field of Specialization: Agricultural Engineering*

William Robert Dodge, Bellefontaine  
D.D.S.  
*Field of Specialization: Dentistry*

Therese Ann Dolecek, Berwyn, Ill.  
B.S. (Michigan State University)  
*Field of Specialization: Allied Medicine*

Ray Drumright, Harper, Kan.  
B.S., D.V.M. (Kansas State University)  
*Field of Specialization: Veterinary Medicine*

Jo Ellen Kidwell Dunlap, Columbus  
B.S.  
*Field of Specialization: Microbiology*

David Allan Eastburn,  
Wilmington, Delaware  
A.B. (Catawba College)  
*Field of Specialization: Computer and Information Science*

David Howard Evans, Columbus  
B.S.M.E. (University of Cincinnati)  
*Field of Specialization: Industrial Engineering*

Daniel Ference, Columbus  
B.S. (Pennsylvania State University)  
*Field of Specialization: Electrical Engineering*

Daniel Raymond Fiehrer, Hamilton  
D.D.S.  
*Field of Specialization: Dentistry*

Gary Lee Flinn, Houston  
B.S.Agr.  
*Field of Specialization: Horticulture*

Hui-Hsing Fu, Taipei, Taiwan  
B.S. (National Tsing Hua University)  
*Field of Specialization: Physics*

Joseph H. Gallenstein, Jr., Cincinnati  
B.S.M.E. (University of Cincinnati)  
*Field of Specialization: Mechanical Engineering*

Jack B. Ganz, Columbus  
B.S.  
*Field of Specialization: Biophysics*

Thomas Joseph Geers, Jr., Columbus  
B.S.E.E. (University of Cincinnati)  
*Field of Specialization: Electrical Engineering*

James Raymond Glendon,  
Cuyahoga Falls  
B.Ch.E.  
*Field of Specialization: Chemical Engineering*

John Michael Gnau, Springfield  
B.S.  
*Field of Specialization: Microbiology*

Lawrence Davis Goldsmith, Jr.,  
Trumbull, Conn.  
B.S. (College of William and Mary)  
*Field of Specialization: Computer and Information Science*

Arthur Allen Goldstein,  
University Heights  
B.M.E.  
*Field of Specialization: Mechanical Engineering*

Carmel Leslie Golliday, Jr.  
Martinsburg, W. Va.  
B.S.E.E. (West Virginia University)  
*Field of Specialization: Electrical Engineering*

James Greenlees Good, Marietta  
B.E.E.  
*Field of Specialization: Electrical Engineering*

James Curtiss Greetham, Lima  
B.S.A.A.E.  
*Field of Specialization: Aeronautical and Astronautical Engineering*

Eric Anderson Grulke, Berea  
B.Ch.E.  
*Field of Specialization: Chemical Engineering*

Paul Leon Hammer, Jr.,  
Falls Village, Conn.  
B.S. (University of Connecticut)  
*Field of Specialization: Horticulture*

Edwin James Hammett, Columbus  
B.S.Agr.  
*Field of Specialization: Natural Resources*

John Rae Hardman,  
Downsview, Ont., Canada  
B.Applied Science, M.Sc. (University of Waterloo)  
*Field of Specialization: Nuclear Engineering*

Virginia Macrow Hartley,  
Worthington  
B.S. (Indiana University)  
*Field of Specialization: Allied  
Medicine*

Jukka Jyrki Oskari Haukka,  
Helsinki, Finland  
Kand. (University of Helsinki);  
Dipl. (Helsinki School of Economics);  
Lic. (Helsinki University)  
*Field of Specialization: Food Science  
and Nutrition*

Charles Humphrey Hawkins,  
Columbus  
D.D.S. (Meharry Medical College)  
*Field of Specialization: Dentistry*

Timothy Craig Hawkins, Dayton  
B.S.  
*Field of Specialization: Electrical  
Engineering*

James Richard Helt, Mt. Gilead  
B.S. Agr.  
*Field of Specialization: Agricultural  
Education*

Raymond Keith Hertz, Convoys  
B.S. (Indiana Institute of  
Technology)  
*Field of Specialization: Chemistry*

Rada Ruth Higgins, Euclid  
A.B. (University of Miami)  
*Field of Specialization: Mathematics*

Dennis Ray Hizer, Jeannette, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization: Computer and  
Information Science*

Teresa Takchi Ho,  
Causeway Bay, Hong Kong  
B.A. (University of Hawaii)  
*Field of Specialization: Computer and  
Information Science*

Glenn Ross Hodges, Columbus  
B.A. (Muskingum College);  
M.D. (University of Chicago)  
*Field of Specialization: Medical  
Microbiology*

Philip Ramage Hoge, Gahanna  
B.S. in Civ. Eng. (University of  
Missouri at Rolla)  
*Field of Specialization: Geodetic  
Science*

Roger Edward Hollenbaugh,  
Middletown  
B.A.A.E.  
*Field of Specialization: Aeronautical  
and Astronautical Engineering*

Ming-Tung Hsu, Rockville, Conn.  
B.S. Eng. (National Taiwan  
University)  
*Field of Specialization: Electrical  
Engineering*

Wen Shiung Hsu, Taipei, Taiwan  
B.S. (Fu Jen University)  
*Field of Specialization: Mathematics*

John Edward Hulit, Canton  
B.A., D.D.S. (Case Western Reserve  
University)  
*Field of Specialization: Dentistry*

Theodore John Ikeler, Midland, Mich.  
B.S. (University of Wisconsin)  
*Field of Specialization: Chemistry*

James Kenneth Johnson, Dayton  
B.A.E. (Georgia Institute of  
Technology)  
*Field of Specialization: Aeronautical  
and Astronautical Engineering*

George Earl Kerns, Harrisburg, Pa.  
B.S. Met. Engr. (Drexel Institute of  
Technology)  
*Field of Specialization: Metallurgical  
Engineering*

Donald Thomas Kiefer, Marion  
B.Ch.E.  
*Field of Specialization: Chemical  
Engineering*

Randy Owen Knapp, Lexington  
B.S. Cer.E.  
*Field of Specialization: Ceramic  
Engineering*

David James Krile, Dayton  
B.S.E.E. (University of North  
Dakota)  
*Field of Specialization: Electrical  
Engineering*

Hwi Margaret Lee, Taipei, Taiwan  
B.S. (National Chiao Tung  
University)  
*Field of Specialization: Electrical  
Engineering*

Shi-Chuan Lee, Kaohsiung, Taiwan  
B.S. (National Chiao Tung  
University)  
*Field of Specialization: Electrical  
Engineering*

Sun Lee, Seoul, Korea  
B.S. Eng. (Seoul National University)  
*Field of Specialization: Civil  
Engineering*

William Donald Lemke,  
Cuyahoga Falls  
B.S.  
*Field of Specialization: Chemistry*

Charles Glaser Lenhard, Columbus  
A.B. (College of Saint Charles  
Borromeo); M.A.  
*Field of Specialization: Preventive  
Medicine*

Yu-Lan Wang Liang, Taipei, Taiwan  
B.S. (Taiwan Cheng Kung  
University)  
*Field of Specialization: Chemistry*

Steven Robert Lindle,  
Bloomington, Ind.  
B.A. (Indiana University)  
*Field of Specialization: Physics*

Jacque Rollins Lingenfelter, Jr.,  
Columbus  
B.S.A.A.E.  
*Field of Specialization: Nuclear  
Engineering*

Jerry Boyd Lisiecki, Orwell  
B.S.  
*Field of Specialization: Natural  
Resources*

Maurice Thomas Lough, Elkton, Va.  
B.S. (United States Military  
Academy)  
*Field of Specialization: Geodetic  
Science*

James Melton Lund, Oak Creek, Wis.  
B.A. (Brigham Young University)  
*Field of Specialization: Astronomy*

Bonnie Husse Lyle, Columbus  
B.S. Nurs.  
*Field of Specialization: Nursing*

Walter Lee Magee, Jr.,  
Beaumont, Tex.  
B.S. (Lamar State College of  
Technology)  
*Field of Specialization: Chemistry*

Brian Manhire, Milton, N. J.  
*Field of Specialization: Electrical  
Engineering*

Alice Kline Manion, Toledo  
B.S. (Loyola University)  
*Field of Specialization: Nursing*

Robert Edgar Maute, Texas City, Tex.  
B.S. (Lamar State College of  
Technology)  
*Field of Specialization: Physics*

Ralph Burdette McDonald, Jr.,  
Allendale, S. C.  
B.S. (University of South Carolina)  
*Field of Specialization: Geodetic  
Science*

: Also Bachelor of Electrical Engineering.  
College of Engineering

Bernard Wallace McIntosh,  
San Angelo, Tex.  
B.S. (Texas Agricultural and  
Mechanical University)  
*Field of Specialization:* Geodetic  
Science

Gary David McMullen, Burwell, Neb.  
B.S. in Educ., D.D.S. (University of  
Nebraska)  
*Field of Specialization:* Dentistry

Bruce Dale Metcalf, Detroit, Mich.  
B.S. (Wayne State University)  
*Field of Specialization:* Physics

James Eugene Meyer, Springfield  
B.A. (Wittenberg University);  
M.B.A.  
*Field of Specialization:* Allied  
Medicine

Margaret McEvoy Miller, Columbus  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Medical  
Microbiology

Marshall Zachery Miller, Columbus  
B.S.A.A.E.  
*Field of Specialization:* Aeronautical  
and Astronautical Engineering

Robert Bruce Miller, St. Paris  
B.S.Phys.  
*Field of Specialization:* Nuclear  
Engineering

Peter Matthew Mrozinski,  
Chicago, Ill.  
B.A. (Saint Mary's College,  
Minnesota)  
*Field of Specialization:* Physics

David Alan Munn, Reynoldsburg  
B.S.Agr.  
*Field of Specialization:* Agronomy

Lula Joan Naylor, Reynoldsburg  
B.S.Nurs.  
*Field of Specialization:* Nursing

Larry Wesley Noggle,  
Idaho Falls, Idaho  
B.M.E. (General Motors Institute)  
*Field of Specialization:* Nuclear  
Engineering

Gregory Armstrong Norton,  
Pontiac, Mich.  
B.A. (Oakland University)  
*Field of Specialization:* Physics

<sup>1</sup> William Geoffrey Owen, Cincinnati  
*Field of Specialization:* Natural  
Resources

Ralph Ronald Person, Oakland, Calif.  
B.S. (United States Air Force  
Academy)  
*Field of Specialization:* Physics

Pamela Pierce Petrovic, Columbus  
B.A.  
*Field of Specialization:* Natural  
Resources

David Winch Pierce, Holliston, Mass.  
B.S. (University of Massachusetts)  
*Field of Specialization:* Geodetic  
Science

David Richard Potts, Dayton  
B.S. (Wright State University)  
*Field of Specialization:* Physics

Larry Robert Pullin, Columbus  
B.S. in Phar. (Ohio Northern  
University)  
*Field of Specialization:* Entomology

Ronald Edson Rager, Columbus  
B.C.E.  
*Field of Specialization:* Civil  
Engineering

Kenneth Max Ramble, Worthington  
B.S.E.E. (Washington State  
University)  
*Field of Specialization:* Electrical  
Engineering

Alonso Ramirez, Palmira, Colombia  
Ing.Agron. (National University of  
Colombia)  
*Field of Specialization:* Agronomy

Arvind Rana, Kurukshetra, India  
B.Sc. (Kurukshetra University); B.S.  
*Field of Specialization:* Computer and  
Information Science

Tariq Rehman, Lahore, Pakistan  
B.S. (West Pakistan University of  
Engineering and Technology)  
*Field of Specialization:* Ceramic  
Engineering

Lois Carolyn Rich,  
Staten Island, N. Y.  
A.B. (Hope College)  
*Field of Specialization:* Microbiology

James Richard Ruble, Dayton  
B.S.A.E. (University of Cincinnati)  
*Field of Specialization:* Mechanical  
Engineering

John Rollo Ruble, Columbus  
B.S. (University of Hawaii)  
*Field of Specialization:* Chemistry

Jerry Lee Ruyan, Westerville  
B.S. (Ashland College)  
*Field of Specialization:* Zoology

Allan Peter Sather,  
Edmonton, Alta., Canada  
B.S.Agr. (University of Alberta)  
*Field of Specialization:* Animal  
Science

John Pack Shanklin, Jr., Fairborn  
B.S.E.E. (Iowa State University)  
*Field of Specialization:* Electrical  
Engineering

James Alvin Shearer, Columbus  
B.S. (Colorado State University)  
*Field of Specialization:* Geodetic  
Science

Leo Gee-Hum Siu, Hong Kong  
B.S.E. (San Diego State College);  
M.Eng. (University of Oklahoma)  
*Field of Specialization:* Computer and  
Information Science

Thomas Lee Sluss, Columbus  
B.E.E.  
*Field of Specialization:* Electrical  
Engineering

<sup>2</sup> Michael Joseph Smith, Bridgeport  
*Field of Specialization:* Civil  
Engineering

<sup>3</sup> Stephen Douglas Smith, Newark  
*Field of Specialization:* Electrical  
Engineering

Andrew James Spalla, Pittsburgh, Pa.  
D.D.S. (University of Pittsburgh)  
*Field of Specialization:* Dentistry

Frank Richard Stead, Parma Heights  
B.M.E. (Cleveland State University)  
*Field of Specialization:* Mechanical  
Engineering

Douglas Arthur Stoll,  
Benton Harbor, Mich.  
B.S. (United States Air Force  
Academy)  
*Field of Specialization:* Physics

James Walter Swinehart, Columbus  
B.S.Agr.  
*Field of Specialization:* Horticulture

Jude Henry Terhall, Columbus  
B.S. (United States Air Force  
Academy)  
*Field of Specialization:* Computer and  
Information Science

William Bruce Thayer, Columbus  
B.C.E.  
*Field of Specialization:* Civil  
Engineering

George John Theus, Jr., Parma  
B.S. (Case Institute of Technology)  
*Field of Specialization:* Metallurgical  
Engineering

<sup>1</sup> Also Bachelor of Science in Agriculture.  
College of Agriculture and Home Economics  
<sup>2</sup> Also Bachelor of Civil Engineering,  
College of Engineering  
<sup>3</sup> Also Bachelor of Electrical Engineering,  
College of Engineering

Joseph Lissa Tommy,  
Greensboro, N. C.  
B.Sc. (Agricultural and Technical  
State University, North Carolina)  
*Field of Specialization: Agricultural  
Economics and Rural Sociology*

Robert Herman Trempert, Lima  
B.S. (Ball State Teachers College)  
*Field of Specialization: Biophysics*

Cheryl Pearson Van Deusen,  
Columbus  
B.S.Nurs.  
*Field of Specialization: Nursing*

George Emerson VanScyoc,  
Columbus  
B.S.Agr.  
*Field of Specialization: Agronomy*

Sue Ann Vartuli, Endwell, N. Y.  
B.S. (State University of New York  
at Oneonta)  
*Field of Specialization: Home  
Economics*

James Noel Vinci, Mayfield Heights  
B.S. (Baldwin-Wallace College)  
*Field of Specialization: Chemistry*

Abdul Syed Kazmi Waheed,  
Karachi, Pakistan  
B.Sc., M.Sc. (University of Karachi)  
*Field of Specialization: Entomology*

Steven Richard Wenner, Bucyrus  
B.S.Phys.  
*Field of Specialization: Mathematics*

Marvin Charles Whiting,  
Eagle Mountain, Calif.  
B.S.  
*Field of Specialization: Geodetic  
Science*

John Calvin Williams, Columbus  
B.S. (University of Oklahoma)  
*Field of Specialization: Mathematics*

\* Robert Edmund Wills, Columbus  
*Field of Specialization: Welding  
Engineering*

James Clark Wilson, Urbana  
B.S.; D.M.D. (University of  
Kentucky)  
*Field of Specialization: Dentistry*

Jerry Robert Wood, Columbus  
B.S.C.E.  
*Field of Specialization: Civil  
Engineering*

Ludmila Yarowa, Parma  
B.A. (Case Western Reserve  
University)  
*Field of Specialization: Chemistry*

## Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Arthur E. Adams  
Vice Provost for the Arts and Sciences: Robert G. Arns

The Colleges of the Arts and Sciences, a federation of five colleges, includes:

### College of The Arts

Dean: Lee Rigsby

### College of Biological Sciences

Dean: Richard Bohning

### College of Humanities

Dean: Arthur E. Adams

### College of Mathematics and Physical Sciences

Dean: Richard P. Goldthwait

### College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

**Bachelor of Art Education and Bachelor of Music Education degree are offered jointly by the College of The Arts and the College of Education**  
Candidates are listed on page 29

## College of Biological Sciences

Dean: Richard Bohning

### Bachelor of Arts

Two candidates

Richard Sean Mosholder, Warren  
John William Pyson, Sandusky

Peter Mavromichalis, Cleveland  
Jack Lee Musgrave, Columbus  
David Warren Nice, Delaware  
Robert Albert Nist, Eastlake  
Sharon Marie Ondreyco, Elyria  
Patrick Joseph Salcone, Columbus  
James Edward Sanders, Bellevue  
Marc Allen Schwartz, Columbus  
John Douglas Seibert, Toledo  
Timothy Charles Shepherd, Ada  
Steven Edward Smathers, Columbus  
Timothy Lawrence Snyder, Dayton  
Frank Henry Stieg, III, Fairfield  
Nicholas Matthew Taffan, Bellaire  
Sharla Ann Waltz, Lima  
Virginia Anne Whitmer, Maumee  
James Hutchison Williams, Jr., Columbus  
David Leonard Wirtz, Cincinnati

## College of The Arts

Dean: Lee Rigsby

### Bachelor of Fine Arts

Fourteen candidates

Michael Douglas Ahren, Columbus  
Nancy Ellis Beck, Columbus  
Cheryl McElligott Folds, Columbus  
Randy Reed Harris, Columbus  
Diane J. Howard, Marion  
Barbara Gene Lohmann, Columbus  
Deborah Milanovich, Columbus  
Charles Kenneth Miller, Columbus  
Kathleen Ann Miller, Youngstown  
Ellen Marie Nestrick, Alliance  
David Kent Schwenker, East Cleveland  
Shelley Elizabeth Stevens, Worthington  
Christopher Eric Strauss, Columbus  
Caroline Biehn Warren, Granville

### Bachelor of Music

Three candidates

Janyce Bloch Chitty, Columbus  
Joseph Vernon Schultz, St. Marys  
Linda Mercille Zartman, Columbus

### Bachelor of Science

Forty-seven candidates

Martha Sue Alexander, Columbus  
Dale Charles Angerman, Navarre  
Christopher Lee Baker, Lima  
Thomas Allen Bartley, Springfield  
Nicca Dianne Caltrider, Colorado Springs, Colo.  
James William Cottrell, Columbus  
James Patrick Crowley, Columbus  
Gale David Cultice, Columbus  
Candace Kay Davis, Columbus  
James Marshall Eames, Columbus  
Herbert Ray Estis, Columbus  
Dale Carleton Fazio, Solon  
John Richard Foit, New Boston  
Dana Duane Forshey, Caldwell  
Steven Leslie Gardner, South Euclid  
Jan Kenneth Garverick, Cardington  
Jane Ann Grigor, Hartsville  
Gary Wayne Guren, Canton  
Gary Haigh, Oberlin  
Merry Hetrick Harrison, Columbus  
John William Herbert, Orrville  
Roger Lee Hoagland, Cincinnati  
Darwin Clinton Jackson, Cleveland  
Ronald Kapp, Brecksville  
Robert Alan Kidikas, Hartsville  
Stuart Brooks Kincaid, Hillsboro  
Elissa Gayle Klinge, Bayville, N. Y.  
Dennis James Kolsun, Pittsburgh, Pa.  
Carl Edwin Kuenzli, Nevada

## College of Humanities

Dean: Arthur E. Adams

### Bachelor of Arts

Sixty-nine candidates

Deborah Ann Ballam, Mt. Vernon  
Linda Eleanor Bates, Dayton  
Elaine Harner Biehl, Columbus  
Randy Allen Boedicker, Lima  
Carol Louise Born, Columbus  
Margaret Eileen Buchanan, Wintersville  
Rosanne Nowak Buckner, Cleveland  
Doris Elsie Clarke, Cleveland  
Larry James Cowgill, Cambridge  
Samuel Bernhard Davis, Columbus  
Katherine Barbara Drobot, Columbus  
Jay Lowell Evans, Gallipolis  
Brian Michael Flaherty, Columbus  
Linda Strough Fluhart, Columbus  
John Roger Garbo, Jr., Willoughby  
Timothy Alan Gibbs, Columbus  
Donatella Vigo Glod, Milano, Italy  
Barbara Jean Gustafiero, Fairfax, Va.  
Robert Duane Hammond, West Milton  
Barbara Pusack Harris, Cincinnati  
Stanley Edward Hartman, Barberton  
Bruce McNeill Hayman, Rocky River  
Richard Charles Heath, Columbus

\* Also Bachelor of Science in Education, College of Education



Amy Rebecca Heyman,  
Middlesex, N. J.  
David L. Hite, Jr., Utica  
Albert Harvey Joy, New York, N. Y.  
Michael Thomas Kaplan,  
Baldwin, N. Y.  
Patricia Kennedy, Cincinnati  
William Frederick Larkin, Jr.,  
Columbus  
Martin Jeffrey Leighninger, Columbus  
Laurie Gatherum MacFarlane,  
Columbus  
David Newton Marinelli,  
New Providence, N. J.  
Bruce Loudon McCormick,  
North Lewisburg  
\*William Patrick McLoughlin,  
Columbus  
Steven Andrew Michael,  
Washington, D. C.  
Gerald Joseph Michalec, Mentor  
Dennis James Moore, Willowick  
John Bruce Mower, II, Columbus  
Miriam Elizabeth Nathanson,  
Columbus  
Gary Keith Neidenthal, Columbus  
Eugene Philip Parker, Fairborn  
Marjorie June Pettus, Cleveland  
Joann Waldeck Posey, Columbus  
Craig Jay Rabiner, Lima  
Erica Elizabeth Retter, Columbus  
Greg Robert Rinehart, Columbus  
David Arthur Ringo, Trotwood  
George Maurice Sheehan, II,  
Van Wert  
\*Carol Virginia Shuman, Cincinnati  
Marilyn Simon, Cleveland  
Daniel Skalfjac, Parma  
Jan Elizabeth Sohayda, Mineral Ridge  
Laurence Edmund Spies, Columbus  
Mary Elizabeth Stillwell, Elyria  
Brian Alexander Straub, Columbus  
Donald Joseph Swartz, Columbus  
Kevin John Talty, Euclid  
Danny Robert Thompson, Oregon  
Tia Arlene Thorla, Zanesville  
Robert Louise Tipton, Dayton  
Ellen Rider Tomlinson, Columbus  
Robert Christner Trundle, Jr.,  
Cleveland  
Thomas Lee Tuck, Fremont  
Randy Lee Walker, Columbus  
Margaret Ellen Wallace, Hilliard  
Stephen Ray White, Cleveland  
Gary Wilber, Cincinnati  
Elise Wunder, Valley Forge, Pa.  
Robert Zelwin, Cleveland

## College of Mathematics and Physical Sciences

Dean: Richard P. Goldthwait

### Bachelor of Arts

Seven candidates

Rebecca Lou Bowling, Massillon  
Timothy Francis Kotyuk, Cleveland  
Fred Jack Marinko, Willoughby  
Gary Donald Miller, Lima  
William Keith Peairs, Springfield  
Nancy Lee Provenza, Lorain  
Stephanie Schwartz Saltzman,  
Columbus

### Bachelor of Science

Thirty-one candidates

Constance Sue Au, Lucas  
David Scott Birsa, Jefferson  
Charles Roy Cooper, Maple Heights  
Hugh Merrill Boyd Davis, II,  
Columbus  
Bruce William Dean, Rittman  
James Dale Dolph, Lynchburg  
Roger Lee Elsom, Columbus  
Daniel Raymond Given, Jr., Columbus  
Pat Lynn Guest, Perrysburg  
William Francis Keilt, Hillsdale, N. J.  
Stephen Robert Kelso,  
St. Albans, W. Va.  
Stephen Frederick Kessler,  
Brockton, Mass.  
Robert Alan Lewis, Columbus  
Judy Ann Long, Columbus  
Timothy Spiess Manchester, Lakeview  
Robert Charles Martoglio,  
West Caldwell, N. J.  
Robert Ray Merritt, Columbus  
Richard Albert Morris, Lakewood  
Thomas Gerald Naymik, Lorain  
James Robert Peffers, Dublin  
Jeffrey Michael Robel, Johnstown, Pa.  
Timothy Robert Schulte, Mayfield  
John Anthony Schwartz, Columbus  
Theodore Roosevelt Smith, Columbus  
David Elliot Strayer, Delaware  
Dennis K. Strayer, Lima  
Charles Robert Stueve, Dayton  
Alvin Eugene Stutz, Piqua  
Ronnie David Willis, Chillicothe  
Nancy Jo Zink, Hamilton  
Eugene Robert Zizka, Garfield Heights

## College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

### Bachelor of Arts

One hundred and forty candidates

Jacquelyn Yvonne Abbott, Cleveland  
Toby Marion Abrams, Teaneck, N. J.  
Michael Hackney Adams, Columbus  
David Clark Allen, Portsmouth  
Michael Vern Ashton, Lima  
Paul Martin Aucoin, Loveland  
Lawrence Harris Babich, Marion  
David Eary Ball, Columbus  
Deborah Weickhardt Barr, Columbus  
James William Blackburn, Columbus  
David Edward Boker, Warren  
John Michael Boland, Columbus  
Donald Jay Brandt, Short Hills, N. J.  
Leslie John Brinkerhoff, Mansfield  
Steven Edwin Buck, Columbus  
David Dwight Buckland, Leipsic  
Roger Dean Burleson, Portsmouth  
Jack Adien Carroll, Cincinnati  
James Dominic Chillemi, Rocky River  
Stephen Thomas Clark, Columbus  
Carol K. Clarke, Columbus  
Beverly Rae Claycombe, Columbus  
Leonard Andrew Comeras, Columbus  
Cornell Cotton, New Miami  
Robert Gordon Cromley,  
Manassas, Va.  
Terry Paul Darcangelo, Columbus  
Anthony Davey, Columbus  
Ronald Lee Davis, St. Marys  
William Schaefer Day,  
Shaker Heights  
Dominick Sabino Dennis, Springfield  
Thomas Edward Deschler, Dayton  
Mary Ethel Devaney, Rye, N. Y.  
Steven Scott Doerrerr, Troy  
Roger Thomas Domer, Youngstown  
Stanley Dub, Columbus  
Harry David Farkas, South Euclid  
Diane Iris Fellman, Euclid  
John Crooks Fickell, Columbus  
Gary Alan Fields, North Olmsted  
Thomas Edward Fontana, Columbus  
James Jefferson Forte, Columbus  
John Fred Freeman, Columbus  
Marlene Sharon Freeman,  
Utica, N. Y.  
John Eugene Gerardi, Columbus

\* Also Bachelor of Science in Education,  
College of Education

Jeffrey M. Goldberg,  
Great Neck, N. Y.  
Danny Louis Gunselman,  
North Ridgeville  
Dianne Harrington, West Milton  
Michael Scott Hart, Flushing, N. Y.  
Mary Frances Hawthorne, Lynchburg  
Louis John Henry, Columbus  
Diane MacDonald Hockman, Columbus  
Dale Arlen Hoover, Crestline  
John Russell Hunt, Columbus  
Michael David Imfeld, Middletown  
Tommy Alvin Jenkins, Sandusky  
Ewing Richard Jones, Columbus  
Dennis Lee Joy, Warren  
Frederick Dennis Kanter, Beachwood  
Arlene Annette Katz, Columbus  
Myron Keith Kauffer, Columbus  
Patricia German Keel, Columbus  
Joseph King, Jr., Cincinnati  
Mary Kathryn Koenig, Rochester  
Linda M. Kolt, Dublin  
Lisa Ilene Landes, London  
Nicholas Clinton Lang, Columbus  
Shelley Edwina Lea, Newark, N. J.  
Robert Alan Levite, Steubenville  
Paul Alan Lewis, Columbus  
William Joseph Lippl, Hamden  
Robert Leroy Loser, Jr., Columbus  
Susan Michele Loviner, Columbus  
Virginia Mae Lowish, Summit, N. J.  
Thomas Lee Mangan, Dayton  
Richard Chung Pei Mao, Columbus  
Henry Marshall Marbly, III,  
Cincinnati  
Sean Hayes Maxfield, Columbus  
Mary Ann Mazzarella, Middletown  
Margaret Anne McDermott, Cleveland  
David Joseph McGory, Sandusky  
Patrick Michael McGreevy, Columbus  
Robert John McKenney, Columbus  
Barbara Joan Melzer, Cincinnati  
\*Gayle Temma Miller,  
Cleveland Heights  
George Franklin Miller, Newark  
Joan Kay Miller, Rockford  
Michael Thomas Mindigo, Columbus  
James Stephen Mitchell, Columbus  
Ian Douglas Morgan, Berea  
Timothy Carl Nash, Columbus  
Nancy Lee Nelson,  
Cleveland Heights  
Paula Joyce Nemitz, Reynoldsburg  
Lawrence Stras Nichols, Columbus  
William Edward O'Keeffe, Jr.,  
Columbus  
Cheryl Ann O'Leary, Cincinnati  
Audrey P. Oquendo,  
Long Island City, N. Y.

Mary Jo Panzone, Columbus  
Paul Eugene Peck, Columbus  
Jerome Perko, Bridgeport  
Jack Alan Pesselman, Beachwood  
Bryan Edsel Pfabe, Painesville  
Alayne Anne Piccino,  
Mayfield Heights  
Margaret Howell Porter,  
Mt. Kisco, N. Y.  
Diane Elizabeth Pritchett, Cincinnati  
Dan Earl Pugh, Olmsted Falls  
Virginia Louise Puthoff, Chickasaw  
Linda Jean Pyle, Glenolden, Pa.  
Patricia Helen Rager, Paulding  
Thomas Roy Restorick, Newark  
John Nixon Riggs, III, Columbus  
Americus Vincent Rocco,  
Pittsburgh, Pa.  
Michael James Romaniw, Grove City  
Ronald Robert Rowland, Columbus  
John Waterbury Rowley, Jr.,  
Columbus  
Joan Nancy Rubinstein,  
North Massapequa, N. Y.  
William Gary Sanderson, Wilmington  
Neill Ann Schultz, Sandusky  
Nannette Rochelle Schwartz,  
Columbus  
William Michael Senger, Ashtabula  
David Lowell Sevel, South Euclid  
Arthur David Smialek, South Euclid  
Rebecca Loring Smith, Ashland  
Stephen Douglas Speer, Columbus  
Mary Alberta Spengler, Williamsfield  
Donald George Stoffer, Poland  
Daniel Boyd Stumpf, Columbus  
Jacqueline Sue Taylor, Maumee  
Sharon Anne Tesi, North Canton  
Elizabeth Ann Tewksbury, Hamilton  
Gary Vincent Thompson,  
Newark, N.J.  
Murray Arthur VanEpp, Medina  
Timothy Kurt VanWey, Westerville  
Linda Ellen Walters, Lima  
Kathleen Marinacci Warner,  
Columbus  
Janet Anne Watkins, Columbus  
Neal Owen Weigel, Big Flats, N. Y.  
Sandra Lee Wolfson, Cincinnati  
Stephen Howard Wolinsky,  
Forest Hills, N. Y.  
David William Wright, Chagrin Falls  
Marie Elaine Zeglen, Levittown, Pa.

#### **Bachelor of Science**

Sixteen candidates

Marguerite Lynne Brown, Heath

Barbara Jean Burgard, Dover, Pa.  
Johanna Delores Cumbro, Dayton  
Gwenivere Bronetta Crosby,  
Miami, Fla.  
Vicki Lynn Derr, East Liverpool  
Marlene Ann Enderlein, Cleveland  
Richard David Gilliam, Columbus  
Ronald Joseph Herman, Columbus  
Jeffrey Jay Levin, Akron  
John Paul Longenbaker, Columbus  
Devonna Simpkins Mumford,  
Columbus  
Barry Lee Sack, Cleveland Heights  
Marvin Jeffrey Scheer, Toledo  
Katherine Joyce Schultz, Bay Village  
Albert Richard Wallace, Columbus  
Carol Lee Ward, New Hartford, N. Y.

#### **School of Journalism**

##### **Bachelor of Arts in Journalism**

Twenty-one candidates

Frank Edward Benson, Cleveland  
Joseph Anthony Boulware, Columbus  
Richard Dee Crump, Cleveland  
Michael Richard Davis, Columbus  
Thomas Lee Dillon, Canton  
Marilyn Gall Fitch, Columbus  
Brenda Kay Gates, Marion  
Cheryl Ann Goldman, Akron  
Warren Benton Gould, Freeport, N. Y.  
Gary Watt Hartman, Hamilton  
William Joseph Hummer, Columbus  
Alan Ira Karten, Plainview, N. Y.  
Robert Richard Little, West Union  
Calvin Byron Musselman, Jr., Galion  
Nicholas Leland Popa, Columbus  
Timothy Wayne Preston, Columbus  
Rita Stiteler Shade, Mansfield  
Paul Edward Shaltry, Columbus  
Robert Leslie Spector, Canton  
Jeffrey Leroy Steinbeck, Devon, Pa.  
Gerald Anthony Tebben,  
Plainview, N. Y.

\* Also Bachelor of Science in Education,  
College of Education

## College of Administrative Science

Dean: James R. McCoy

### Bachelor of Science in Business Administration

One hundred and thirty-one candidates

Carl Fredrick Ahrendt, Jr., Dayton  
Jeffrey Philip Allen, Columbus  
Michael Howard Amsel,  
Philadelphia, Pa.

Richard Paul Aschman, Columbus  
Charles St. John Avery,  
Weston, Mass.

George Michael Baluk, Westlake  
Carol Louise Barcus, Alliance  
Michael Lee Barrett, St. Henry  
Paul Craig Baumann, Parma  
Thomas Mark Beetham, Cadiz  
Thomas David Berry, Columbus  
Robert Woodall Biddle, Cincinnati  
Donald Britton Bowlin, Columbus  
Robert Leslie Brown, Mt. Vernon  
Gary John Buhrlage, Cincinnati  
Jeffrey Allen Carroll, Columbus  
Douglas Steven Cavazzi,  
Eastchester, N. Y.

Terry Leigh Caw, Zanesville  
Donald Jay Cook, Mt. Vernon  
James Allen Cooper,  
Charleston, W. Va.

Timothy Charles Coxson, Warren  
Daniel Joseph D'Amico, Columbus  
Daniel Bernard Daugherty, Columbus  
Thomas Ladd Decker, Delaware  
Gary William Detrick, Granville  
David Allen Dishong, Athens  
James Brian Everett, Columbus  
Charles William Ewing, Grove City  
Geoffrey Lynn Farmer, Coshocton  
Vernon Hubert Fix, Jamestown  
James Spencer Flournoy,  
New Canaan, Conn.

Jack Douglas Ford, Piqua  
Chester Mathew Allen Fox,  
Berlin Heights

David Frank Freshour, Jr.,  
Portsmouth

Robert Lee Fugate, Germantown  
John Hurtman Fulford, III, Columbus  
Edwin Arthur Geer, Newark  
James LeRoy Gesler, Pandora

Lawrence William Gieling, Euclid  
David Albert Gilchrist, Rocky River  
William Keith Gingerich, Akron

Paul Franklin Goodrich, Cincinnati  
Robert Andrew Hallahan, Cleveland  
Larry Lee Hammond, Monroe, B.A.  
Thomas Jacob Hansbauer, Cincinnati  
Gary Michael Harpst, Findlay  
David Frederick Harrigan, Zanesville

Michael Elliott Harris,  
Charleston, W. Va.  
Timothy Dale Harrison, Columbus  
David Barrett Hartsook,  
Reynoldsburg

William Randy Hawley, Willoughby  
Wendell Lloyd Heximer, Fayette  
Fred Blanc Holcomb, IV, Cincinnati  
Paul Herbert Holliman, Columbus  
William Edward Holt, Lakewood  
Craig Douglas Howard, Lima  
Charles Edd Hoyle, Westerville  
Mark Henry Johnson, Columbus  
William Edward Jordan, Mansfield  
Randall Wesley Kahn, Columbus  
Peter Langdon Kaiser,  
Cleveland Heights

Richard David Kinsky,  
Maplewood, N. J.  
Joseph Ladislav Koenig, Columbus  
Lawrence Howard Kraft,  
Huntington Woods, Mich.

David George Kramer, Cincinnati  
William Lane, Jr., Cincinnati  
Leonard Allen Lazarus, Columbus  
Michael Arthur Leatherman, Lima  
Stephen Howard Litwiller, Newark  
Alan Tunis Lord, Cincinnati  
Catherine Herl Madden, Ashtabula  
David Franklin Martin, Dayton  
Harold Morris Matison, Laurel, Miss.  
Eugeniusz Matuszewski, Parma, B.A.  
John Patrick McAndrew, Columbus  
William Robert McFarlane,  
Cleveland

James Patrick McKinley, Columbus  
Allen Ray McMillin, Jr., Logan  
Robert Allen McVicker, Ashland  
Willard Nicholas Merrill,  
Elmont, N. Y.

Michael Rudolph Mitterholzer,  
Springfield

Wayne Heiby Monday, Toledo  
Richard William Moore, Worthington  
Richard Sherman Morrison, Akron  
William Gordon Nightingale, Hilliard  
Craig Stephen Nolf, Akron

Christian Ebom Ofili, Igbodo, Nigeria,  
B.S.Agr.

Sidney Alan Olkes, Cincinnati  
Edward Rudolph Orehek, Euclid  
William Thomas Ossmer, III,  
Lakewood

Patrick Felix O'Sullivan,  
Reynoldsburg  
Robert Freeman Page, Venice, Calif.  
Gary William Panek, Fairview Park  
Lee Alan Passell, Youngstown

Edward Anthony Pernal, Jr.,  
Roosevelt, N. Y.

David William Pierson, Westerville  
George McClellan Pryor, Jr.,  
Columbus

Richard Robert Rodock, Columbus  
Michael Albert Sanderell,  
Reynoldsburg

Michael Preston Sarrey, Columbus  
Michael Nelson Schaeffer, Cincinnati  
John Henry Schenkenberger,  
Massillon

Steven Ben Schwartz, Shaker Heights  
James Nelson Sears, Parma  
Roger Dale Shadley, Wilmington

Wayne Norman Shaw, Columbus  
Edwin Paul Shidaker, Wilmington  
Stephen Douglas Skinner, Columbus  
Keith Denton Smith, Columbus

Randall Wayne Smith, Navarre  
James Michael Sterner, Columbus  
Gary Thomas Suhay, Independence  
Mark Christopher Sutterley,  
Haddonfield, N. J.

Jeffrey Enmet Taylor, Youngstown  
Karen Oma Tinsley, Russell's Point  
Michael Tomsen, Cincinnati  
Howard Edgar Tweddle, Jr., Marion

Karl Rodney Underwood, Portsmouth  
Donald Lee VanLinge, Lancaster  
Charles Vegh, Amherst  
Daniel Joseph Venters, Grove City  
Gary Lee Vogel, Kinsman  
Thomas Leroy Wagner, Massillon  
Marilyn Kay Walker, Fremont  
Robert Edwin Wayland, Brook Park  
Justin Charles Weber, Jr.,  
North Bend

Susan Pontious Whitmer, Columbus  
Charles Emery Williams, Johnstown  
Solly Leo Yassenoff, Columbus  
William Fred Yount, III, Portsmouth  
Howard Alex Zuckerman, Cleveland

### School of Social Work

#### Bachelor of Science in Social Welfare

Forty-two candidates

David William Ball, Pickerington  
Marlene Sandra Banin,  
Philadelphia, Pa.

Carol Louise Bennett,  
Highland Park, N. J.  
Julie Margo Bowen, Cincinnati

## College of Agriculture and Home Economics

Dean: Roy M. Kottman

Gayle Eileen Britton, Cleveland  
 Carolyn Sue Brown, Cincinnati  
 Susan Carol Cooper, Dayton  
 Margaret Mary Davey, Cleveland  
 Nancy Ruth Davis,  
   University Heights  
 Larry Richard Dawson, Dayton  
 Janet L. Fein, University Heights  
 Nancy Beth Fink, Celina  
 Deborah Sherman Finkel,  
   Encino, Calif.  
 Bernice Lynne Galer,  
   Staten Island, N. Y.  
 Debra Sue Genshaft, Canton  
 Jean Roseanne Hoyt, Alexandria  
 James Lee Jacomet, Troy  
 Deborah Alice Jameson,  
   Wichita, Kan.  
 Elaine Louise Johnson, Cincinnati  
 Christine Jonasse, Rochester, N. Y.  
 Susan Gay Kallmann, Erie, Pa.  
 Kathleen Ann Little, Columbus  
 Carol Jean Litzler, Mansfield  
 Peggy Sue Lloyd, Rocky River  
 Rebecca Theresa Lynch, Ashtabula  
 Lois Glenn Mathis, Columbus  
 Susan Beverly McIntyre, Stow  
 Ted Jeffrey Nathan,  
   University Heights  
 Patricia Simon Nycz, Rossford  
 Stephen Michael Pribisko, Parma  
 Susan Jeane Reimers, Worthington  
 Susan Darlene Renner, Kettering  
 Cathy Sue Rozenman, Tiffin  
 Richard Lewis Saltzman,  
   Shaker Heights  
 Rebekah Ann Sims, Cincinnati  
 Yvonne Thurman Smith, Columbus  
 Gwendolyn Stokes, Springfield  
 Deborah Jo Thurston, Columbus  
 Terry Lynn Vinocur, Shaker Heights  
 Carol June Walters, Youngstown  
 Carol Anita Zelizer, Columbus  
 Joseph Edward Ziemnik, Jr., Parma

### Bachelor of Science in Agriculture

Ninety-one candidates

William Carl Andree, Parma  
 David Asbury Bailey, Powell  
 John Fredrick Bayliss, Rushsylvania  
 Bruce K. Beery, Burbank  
 David Edward Bils, Upper Sandusky  
 Ralph Jacob Bittel, Parma  
 Timothy Harness Boyd, Orient  
 Jack Lee Brinker, Gibsonburg  
 Jerald Aaron Brown,  
   Philadelphia, Pa.  
 Thomas James Budiscak, Berea  
 Michael Francis Burkart, Fairfield  
 Gary Michael Camp,  
   Parkersburg, W. Va.  
 Ronald Earl Carlton,  
   Cuyahoga Falls  
 Terry Lynn Chasteen, Oak Harbor  
 Marlin George Clark, Jefferson  
 John Alan Coey, Columbus  
 Jeffrey Lynn Corbett, Dorset  
 Leonardo Rafael Corral,  
   Riobamba, Ecuador  
 Richard Louis Cryder, Kingston  
 Lawrence P. Cucco, Wakeman  
 Robert Michael Daniels, Sunbury  
 Michael Frederick Devers, Paulding  
 Francis Alfred DiMarco,  
   Saddle Brook, N. J.  
 Debra Jones Endsley, Kirtland  
 Randall Eugene Eppley, Bucyrus  
 Jonathan Kleckner Ewald, Tiffin  
 Courtney Kathleen Flinn, Houston  
 James Gifford Fowler, III, Mt. Vernon  
 Vincent Mark Franze, Albany, N. Y.  
 Donald Neil Frombaugh, Litchfield  
 Richard Joseph Ghiloni, Newark  
 William Lee Gibson, Williamsport  
 Robert Lester Gochnauer,  
   Apple Creek  
 Steven Allan Goldstein,  
   Laurelton, N. Y.  
 Charles Gary Gray, Columbus  
 John Earl Gruss, Tiffin  
 Charles Truman Hamlin, Jr., Newark  
 Robert James Harmon, Kingsville  
 Lad William Harrison, Wellington  
 Craig Leslie Hill, Columbus  
 Howard Andress Hill, Berlin Heights  
 Thomas Richard Hoffman, Warren  
 Charles Alan Holdren, Mt. Cory  
 Serena Ella Hopkins, Madison  
 Douglas Edward Hunt, New Madison  
 William Woodruff Joslin, Sidney  
 William Howard Judd,  
   West Seneca, N. Y.  
 Raymond Jusak, North Royalton

Thomas Richard Kaufman,  
   Jeromesville  
 John Richard Kennedy, Rushsylvania  
 Donald George Lane, Galena  
 Ronald William Laucher, Galion  
 Raymond Mark Locker, Austintown  
 Richard Lynn Manley,  
   East Rochester  
 Charles Scarff Martin, Dayton  
 Gary Allen McDonald, Chardon  
 Robert Wesley McKoy,  
   Elizabethtown, N. C.  
 John Wayne McNeely, Dayton  
 Mark Anthony Meier, Mt. Vernon  
 Glenn Scott Middleton, Sidney  
 John Harold Miller, Clyde  
 Dale Samuel Misko, Yorkville  
 John Edward Murphy, Dayton  
 Jesse Paul Mutchler, Oecola  
 Keith Lowell Neer, Mechanicsburg  
 James William Nelson, Ford City, Pa.  
 Bonnie Kiesel Nichols, Cleveland  
 \*William Geoffrey Owen, Cincinnati  
 Michael Darrell Platt, Worthington  
 Ray Webster Rabenstein, Geneva  
 John David Roof, Kenton  
 John Edwin Rose, Cambridge  
 David Charles Ruppert, Dayton  
 Charles James Salter, Elyria  
 Richard Leo Schlotterbeck, Lewisburg  
 Alan Lynn Schott, Rockford  
 Gary Franklin Sharp, Lancaster  
 John Franklin Siegel, Covington  
 David Barrett Smith, Hillsboro  
 Nancy Leah Smith, Delaware  
 Richard William Stover, Columbus  
 Bradley Joe Stuckman, Bucyrus  
 Norman Herbert Thomas,  
   Washington C. H.  
 William Edward Thompson, Delphos  
 Stephen Findlay Transue,  
   North Syracuse, N. Y.  
 Scott Lee VanHorn, Athens  
 Peter Gregory Weber, Wauseon  
 Roger J. Wright, St. Paris  
 Donald Byron Wurm, Westerville  
 Lawrence Earl Yarman, Mt. Vernon  
 Greg Lindsay Young, Columbiana

### Bachelor of Science in Dairy Technology

Three candidates

Richard Bernard McAndrew, Jr.,  
   Hamburg, N. Y.  
 Phillip Roland Mueller, Minerva  
 Jorge Luis Prieto,  
   Caracas, Venezuela

\* Also Master of Science, Graduate School

### **Bachelor of Science in Nutrition**

One candidate

Cynthia Louise DeNiro, Alliance

### **School of Home Economics**

#### **Bachelor of Science in Home Economics**

Forty-two candidates

Gretchen Andres, Louisville, Ky.  
Cathy Ann Barnes, Sidney  
E. Maureen Berry, Highland  
Dona Hillis Black, Columbus  
Beverly Anne Brod, Worthington  
Karen Elaine Caldwell, Columbus  
Cheryl Jones Dozier, Groveport  
Victoria Anne Drake, Columbus  
Susan Karlene Dusza, Warren  
Geraldine Fox Endres,  
    Apalachin, N. Y.  
Cheryl Ann Eppley, Bucyrus  
Connie Thompson Fruehan, Kenton  
Suellyn Mock Goelz, Galena  
Carole Dee Gonda, Canton  
Jenny Lou Hamman, Clarksburg  
Joyce Turner Kerns, Huron  
Nancy Susan Leatherman, Lima  
Faye Ellen Levy, Springfield  
Karen Lemley Lloyd, Belpre  
Sandra Kay Lohr, Nevada  
Rita Sears Lubber, Germantown  
Linda Miller Masters, Jackson  
Denise Eleanor McGill, Cincinnati  
Sharon Kaye McGuire, Coshocton  
Karen Brondyke McLemore,  
    Oakmont, Pa.  
Virginia Saudek Neumann, Columbus  
Barbara Reitley Nicol,  
    Milford Center  
Shelley Seekins Owen, Columbus  
Marilyn Leet Penrod, Bethesda, Md.  
Shiranne Yoakam Perkins, Richwood  
Dorothy Elva Risberg, Cleveland  
Nancy Jane Rose, Kingsport, Tenn.  
Emma Lynn Schmitt, Waverly  
Pamela Jane Segrist, Swanton  
Sandra Jayne Sibbet, Lakewood  
Connie Schwarm Siefker,  
    Columbus Grove  
Kathleen Sue Smith, Cadiz  
Leslie Hannaway Smith, Columbus  
Patricia Ann Smith, Columbus

Mary Ellen Weber, Cincinnati  
Judy Kaye Wright, Springfield  
Linda Sue Zellinger, St. Louis, Mo.

### **College of Education**

Dean: Luvern L. Cunningham

#### **Bachelor of Science in Education**

Three hundred and fifty-four candidates

Darlene Parrish Allen, Newark  
Linda Lee Altomare, Lisbon  
Sharon Clarine Ashford, Bedford  
Jeffrey Nelson Atwood,  
    Rochester, N. Y.  
Elise Gayle Auerbach, Beachwood  
Linda Sue Ayers, Reynoldsburg  
Ronald Dean Bach, Columbus  
Joyce Mahoney Bahmer,  
    Newcomerstown  
Bruce Barton Bain, Newark  
Richard Farrington Barricklow,  
    Newark  
Rebecca Dawn Bartow, Canton  
Marian Short Bass, Marion  
Linda Dunn Bean, Sardis  
Elmer Leroy Belcher, Columbus  
Christine Betz, Dublin  
Constance Abshire Beukema,  
    Columbus  
Barbara Ann Biggert, North Olmsted  
Erma Anne Bikali, Canton  
Nicolena Katherine Biscuso, Columbus  
Richard Martin Blatt, Reynoldsburg  
Marlene Merves Block, Lorain  
Sherry Lynn Blyveis,  
    Benton Harbor, Mich.  
Margaret Ann Bobay, Columbus  
Trudy Kothmayer Bope, Columbus  
\*Carol Louise Born, Columbus  
George Malcolm Bouldin, Columbus  
Althea Ann Bowman, Elyria  
Diane Sue Bratton, Worthington  
Constance Elaine Braun, Lakewood  
Karen Christine Brekke, Akron  
Susan Breslow, River Edge, N. J.  
Betty Mock Brown, Nova  
Linda Burns Brown, Columbus  
Susan Thaw Brown, Marion  
Annabelle Oier Burggraf, Cardington  
Jeanann Fink Buurma, Willard  
Michael John Cahill,  
    Fort Mitchell, Ky.  
Stephen Birk Calhoun, Kettering  
Mary Rita Caplin, Marion  
Timothy James Carpenter,  
    Chesterland  
Sandy Kubbs Castner, Mt. Gilead  
Jane Rita Catalano, Woodville  
David Frank Cattran, Lancaster  
Melinda Marie Chaney, Lima  
Wayne Edwin Channell, Senecaville  
David Foster Clogg, Bellville

\* Also Master of Science, Graduate School  
\* Also Bachelor of Arts, Colleges of the  
Arts and Sciences

James Andrew Coburn, Toledo  
James Alan Coe, Willard  
Diana Marie Cohen, Canton  
Linda Gail Colbert, Cincinnati  
Michael Ralph Compton, Columbus  
Gary Lee Conrad, Loudonville  
Kathryn Marie Contini, Dover  
Diane Davis Cottrell, Lima  
Thomas Neal Cowing, Cleveland  
Patricia Bellar Crist, Columbus  
Richard Jay Curl, Vienna, Va.  
Sharon Smith Curle, Canton  
John David Curry, Wapakoneta  
Lawrence William Daiber, Lyndhurst  
Jo Ann Damon, Brecksville  
Lynne Caryl Daniels, New York, N. Y.  
Janet Catherine Darchuk, Parma  
Janice Kay Davis, Columbus  
Nicholas Gregory Davis, Kettering  
Kathy Auten Davisson, Orrville  
Donald Gerrard Dawson, Rocky River  
Janine Kaye Debus, Columbus  
Linda Schwind DeLozier, Westerville  
Barbara Ann Denig, Mansfield  
Wendy Wandler Derrow, Columbus  
Howard Roy Deutch, Hewlett, N. Y.  
Joseph De Vita, III, Syracuse, N. Y.  
Noel Jay Dickson, Brookline, Mass.  
Connie Mitchell Dillahunt, Columbus  
James Hayward Dowman, Bay Village  
Robertina Jean Downhour, Elida  
Jean Rosenthal Dub,  
University Heights  
Frances King Dush, Columbus  
Susan Carol Dwight, Toledo  
Carol Sue Eckstein, Columbus  
Vicki Tallman Egnew, Sylvania  
Bernadette Jane Eilerman, Botkins  
Lenore Eisner, Cleveland  
LuAnne Steinfurth Elliott, Columbus  
Susan Lee Ellis, Columbus  
Gail Elaine Epstein, Ellwood, Pa.  
Ellen Sue Essig, Cincinnati  
Constance Sue Filippi, Columbus  
Flynn Lorin Fischer, Cincinnati  
Beverly Jean Flora, Reynoldsburg  
\*Linda Strough Fluhart, Columbus  
Jack Wesley Foreman, Shelby  
Karyl Jean Fortney, Columbus  
Becky Lee Foster, Miamisburg  
John Michael Franich, Portland, Ore.  
Barbara Diann Frankenfield,  
Columbus  
Robert Loren Frankland, Akron  
Vera Suzanne Frey, Plain City  
Mary Ann Fronk, Dover  
Donna Mary Fullenkamp, Botkins  
Alan Leroy Garrabrant, Westerville  
William Joseph Gathergood,  
Monroeville  
Robert Paul Gentis, Springfield  
Diane Balcar Getz, Grove City  
Penny Anne Gibson, Marion  
Richard Rex Giffin, Lima  
Andrea Lynn Gilchrist, Cincinnati  
Susan Marie Giovanello, Columbus  
Nadine Graves, Galion  
Vicki Lee Grieve, Columbus  
Arlene Sue Gutter, Columbus  
Karen Sue Haas, Cleveland  
Lynne Elizabeth Haley,  
Belleville, N. J.  
Donald Bruce Hange, Jeromesville  
Lillian Juliana Harmath, Cleveland  
Martha Hoppe Harmon, Columbus  
Brenda Thelma Harper, Warren  
Edward Joseph Harris,  
Yonkers, N. Y.  
John Wilson Hart, Shelby  
Dennis Ray Hartman, Columbus  
Douglas Earl Hawthorne,  
Blanchester  
Joellen Rorie Hayes, Columbus  
Susan Ellen Hegg, Toledo  
Audrey Lee Heining, Independence  
Beverly Ann Heitzman, Cincinnati  
Sheri Lea Helt, Cleveland  
Joyce Iris Hendrickson, Delaware  
Barbara Weidner Hering, Cincinnati  
Beverly Catherine Hess, Columbus  
Rita Grazia Hickey, Wilberforce  
Eva Longacre Hickman, Fulton  
John Joseph Higgs, Columbus  
Shirley Handly Hilderbrand,  
Upper Sandusky  
Jerry Hill, Dayton  
Penny Sweeny Hinkle, Lima  
Beth Janene Hitt, Bryan  
Kathleen Joan Hocker, Galion  
Penelope Williams Hodges, Columbus  
Susan Hartmann Hoff, Mansfield  
John Terry Hogan, DeGraff  
Karen Ann Hosey, Columbus  
Cheryl Miller Hover, Spencerville  
Kathryn Doolan Hoyt, Columbus  
Susan Murbach Hunt, Elyria  
Elizabeth Ann Hyman, Cincinnati  
Raymond Gerard Inglis, Grove City  
Janet Elaine Irvin, Lexington  
Paulette Jackson, Hinckley  
Donald Edward Jedlicka, Cleveland  
Jewelle Infanta Jones,  
Philadelphia, Pa.  
Phyllis Martin Kairis, Wooster  
Paula Vincent Kampinski,  
Cleveland Heights  
Karen Anne Kane, Brunswick  
John Robert Karg, Grove City, B.S.  
Thomas George Karvasale, Columbus  
Georgia K Keehl, Columbus  
Kathryn Mault Kemp, Westerville  
Janet Elaine Kempfer, Kettering  
Douglas James Kenehan, Columbus  
Sally Howell Kennedy, Heath  
Steven Murray Kerrick, Brunswick  
Jacqueline Renee Kier,  
Wilmette, Ill.  
Kathleen Ann Kirkpatrick, Canton  
Kathleen Sue Kirkpatrick, Columbus  
Karen Anne Klauder, Granville  
Kathryn Josephine Klein, Columbus  
Rosalie Cummings Kleine,  
Rockville, Md.  
Wendy Klepper, Flushing, N. Y.  
Elaine DeGreve Klopfenstein,  
Crestline  
Richard Steven Koblentz,  
Shaker Heights  
Phyllis Ann Koerner, Edgerton  
Gary Patrick Kopp, Columbus  
Elizabeth Scislo Kosydar, Columbus  
Barbara Jane Krick, Lima  
Janene Adell Lacey, Worthington  
Mary Ellen Lang, Mt. Vernon  
Barbara Celebrey Lapworth, Newark  
Suzanne Gwen Larimer, Columbus  
Celia Carolyn Lee, Dayton  
James Allen Lee, Columbus  
William David Lee, Continental  
Kenneth Joe Lehman, West Liberty  
Claude David Lewis, Lima  
Robert Harvey Lewis, Wickliffe  
Cynthia Ann Lichty, Kenton  
Marilyn Gassman Lieb, Columbus  
Ann Lilygren, Westerville  
Shirley Jane Lind, Canton  
Richard Leanzor Logan, Columbus  
Starlyn DeLony Logan, Put-in-Bay  
John Wesley Long, Goshen  
Robert Francis Long, Johnstown  
Roger George Long, Montpelier  
Cheryl Lee Macki, Castalia  
Linda Jean Maddux, Heath  
Rochelle Debbie Madvid, South Euclid  
Donna Wahl Mangini, Columbus  
Helen Smith Mao, Columbus  
Ellen Marcus, Beachwood  
Patricia Rohde Marder, Columbus  
Stephen Scott Marriott, Columbus  
Henry Andrew Martin, Columbus  
Phillip Lyle Mattson, Grove City  
Jonathan William Mauch, Cincinnati  
Margie Lee McBride, Mansfield  
Nancy Lee McBride, Columbus  
Kathleen Bernice McCabe, Lakewood

Paul Norman McKinley, Jr., Kenton  
 Elizabeth Ann McKinney,  
 Olmsted Falls  
 \*William Patrick McLoughlin,  
 Columbus  
 Nancy Leffler McMullen, Lima  
 Nancy Hayden McVay, Newark  
 Edward Randel Miller, Norwalk  
 °Gayle Temma Miller,  
 Cleveland Heights  
 Michele Barclay Miller,  
 Chevy Chase, Md.  
 Pamela Scott Miller, Lima  
 Thomas Edward Miller, Sardinia  
 Ruth Matthews Moening, Cincinnati  
 Mary Ellen Montgomery, Quincy  
 Brian Hill Mooney, Columbus  
 Patricia Rizzotto Moore,  
 Allentown, Pa.  
 Kathleen Mary Ann Moran, Niles  
 Rebecca Witton Morgan,  
 Martins Ferry  
 Nancy Lou Morris, Columbus  
 Marilyn Ann Myers, Rocky River  
 Shirley Anne Myers, Columbus  
 James Michael Novak, Lorain  
 Sue Ellen Nowels, Loudonville  
 Ruth Emilie Nowjack, Cadiz  
 Kathleen Mary Ort, Cleveland Heights  
 Sally Higgins Osterholt, Marion  
 Michele Padersky, Norfolk, Va.  
 Anthony John Paudicz, Marysville  
 Nayna Comer Paufl, Lima  
 Peggy Frankel Pavlick,  
 Shaker Heights  
 Candy Miley Peak, Marion  
 Donna Jean Peck, Houston, Tex.  
 Linda May Peer, Dayton  
 Susan Lindberg Pelich, Worthington  
 Phyllis Ann Pew, Coshocton  
 Carolyn Faith Polster,  
 Shaker Heights  
 Linda Margaret Prater, Beverly  
 Mary Lynn Pratsch, Lorain  
 Beverly Joan Price, Kenton  
 Brenda Joyce Price, Kenton  
 Shelley Paula Price,  
 Cherry Hills, N. J.  
 Daniel Raymond Priefer, Parma  
 Jane Child Queen, Canton  
 Margaret Ann Raftery,  
 Cranford, N. J.  
 Faith Blumenschine Rapp, Lima  
 Deborah Sensmeier Ratliff, Mansfield  
 Timothy Allyn Rech, Sandusky  
 Roberta F. Reichelderfer, Columbus  
 Michael Douglas Rein, Columbus  
 Marilyn Davidson Renfroe, Lexington  
 James Edward Reynolds, Columbus

Michael Alan Reynolds, Columbus  
 John Clifton Roberts, Canfield  
 Lorraine Lynne Roberts, Cleveland  
 Suzanne Robinson, Willard  
 Janice Louise Roginski, Toledo  
 John Arthur Ross, Columbus  
 Linda Sue Roston, Galion  
 Laurie Anne Rowe, Toledo  
 Deborah Robey Russell, Massillon  
 Judith Sara Ryzman,  
 East Patterson, N. J.  
 Ann Marie Sahath, Brooklyn  
 Jacqueline Annette Samuel, Cleveland  
 Patricia Seeger Scharer, Galion  
 Linda Kay Schwartz,  
 Roslyn Heights, N. Y.  
 Vera Jane Seelenbinder, Springfield  
 Carol Grubbs Seiler, Troy  
 Karen Driscoll Shafer, Columbus  
 Deborah Pearl Shanok, Chicago, Ill.  
 Martin Joel Shapiro,  
 Kendall Park, N. J.  
 B.A. (Trenton State College)  
 Shirley Irene Shedlock, Bylesville  
 Louise Josephine Shepherd, Columbus  
 Anita Belle Sheumaker, Columbus  
 \*Carol Virginia Shuman, Cincinnati  
 Thomas Lawrence Silver,  
 Santa Monica, Calif.  
 Jean Jackson Siriano, Mansfield  
 Diane Yarle Skidmore, Dayton  
 Robert Dale Skinner, Columbus  
 Eileen Skolnik, University Heights  
 Earl Webster Sloniker, Newark  
 Cathryn Marie Smith, Mansfield  
 Georgia Hudson Smith, Columbus  
 Jeffrey Louis Smith, Columbus  
 Stephan Ray Smitson, Bethel  
 Nancy Jo Snyder, North Olmsted  
 Rosemary Loer Sova, Columbus  
 Sandra Hampton Spayde, Mansfield  
 Richard Thomas Spencer, Columbus  
 Marsha Elaine Sproul, Waynesfield  
 Paula Kay Stamm, Mantua  
 Pauline Mutti Staneart, Stonecreek  
 Linda Sue Staudt, Lima  
 Cinda Davis Stein, Findlay  
 Debra Dickess Steinhauer,  
 Grove City  
 Brenda Todd Steinhoff, Grove City  
 Kathy Marie Stienecker, St. Marys  
 Garry Lynn Stineheffer, Bucyrus  
 Thomas Michael Swedenborg,  
 Ashtabula  
 Eugene Philip Sweeney, Jr., Amherst  
 Kent Phillip Sweeney, Worthington  
 Ellen Sonkin Sylvia, Bogota, N. J.  
 Donna Louise Talbott, Columbus

Carolyn Cummings Taylor,  
 Westfield, N. J.  
 David Leon Taylor, Hillsboro  
 Patricia Ann Taylor, Columbus  
 Nora Eileen Thombs, Columbus  
 Ellen Fox Thompson, Orient  
 Stephanie Maria Thompson, Columbus  
 Anne Marie Thrush, Worthington  
 Louise Mackenzie Todd,  
 Shaker Heights  
 Robert Dale Tong, Jr.,  
 Upper Sandusky  
 Kathryn Jean Toukonen, Jefferson  
 Margaret Cecelia Toukonen, Jefferson  
 Shirley Ellen Traback, Cleveland  
 Joan Carol Traphagan, Columbus  
 Cathy Connolly Washington Trent,  
 Columbus  
 Robert Hugh Tripp, Metamora  
 Ivy Jean Tucker, Columbus  
 Roberta Benedict Ulmer, Columbus  
 James Alan Utzinger, Kettering  
 Timothy Richard Wagner, Columbus  
 Edythe Lowe Waite, Lexington  
 Ann Margaret Wala, Mansfield  
 Duane Michael Ward,  
 Bedford Heights  
 Dale Russell Warton, Holland  
 David Scott Warton, Holland  
 Judith Arnette Waxler,  
 University Heights  
 Terril Miles Weber, Shelby  
 Lynda Marie Weems, Cleveland  
 Elyse Feldshue Weiner,  
 Monroeville, Pa.  
 James Michael Weiner, Cincinnati  
 Richard Alan Weis, Columbus  
 Janice Neva Wells, Springfield  
 Marcia Sue Wells, Metamora  
 Bonnie Alvene Wheeler, York, Pa.  
 Jean Klingshirm Whitworth, Columbus  
 Karen Ann Wholf, Columbus  
 Kay Dean Williams, Wilmington  
 Patricia Anne Williams,  
 North Olmsted  
 Terry Lynn Williams, Waynesfield  
 Mary Margaret Winke, Port Clinton  
 Karen Sue Wohlstein,  
 Peckskill, N. Y.  
 Timothy William Woolfe, Fairborn  
 Constance Dorothy Workman, Hudson  
 June A. Yamazaki, Wooster  
 Marilyn Louise Yeager, Columbus  
 Karen Davis Zellers, Columbus  
 Peggy Weaver Zimmerman,  
 Pickerington

\* Also Bachelor of Arts, Colleges of the  
 Arts and Sciences

## College of Engineering

Dean: Harold A. Bolz

### **Bachelor of Art Education Offered jointly by the College of The Arts and the College of Education**

Sixteen candidates

Phyllis Jean Blott, Niles  
Rita Marshall Cazan, Grove City  
Ann Helene Fessler, Maumee  
Susan Hecox Gallagher, Perrysburg  
B.F.A.  
David Lee Harlan, Glenford  
Susan Flynn Hawk, Dover  
Ann Smith Kaufher, Columbus  
Susan Yassenoff Klebold, Columbus  
Patricia Looker Miller, Worthington  
Kathy Basinger Oates, Kenton  
James Russell Pilbeam, Archbold  
Lynne Nancy Rosenthal,  
East Meadow, N. Y.  
Carol Jean Rotsinger, Sylvania  
Janet Adrian Schwartz,  
Peekskill, N. Y.  
Karen Elizabeth Slausenhaupt, Niles  
Phyllis Rankin Zlasney, Sandusky  
B.F.A.

### **Bachelor of Music Education Offered jointly by the College of The Arts and the College of Education**

Twelve candidates

William Lewis Bolen, Columbus  
Jerry Charles Drake, Van Wert  
Michael Anthony Egan, Reynoldsburg  
Darlene Marie Hanzak, Cleveland  
Joan Bonham Hoover, Hamilton  
Katherine Elizabeth Hubbard, Toledo  
Mary Brown Schilling, Columbus  
James Frederic Shrader, Granville  
John Lincoln Staehli, Willowick  
Huey White, Cleveland  
Linda Nack Wilson, Westerville  
Nancy Davis Yates, Columbus

### **Bachelor of Science in Aeronautical and Astronautical Engineering**

Seven candidates

James Karl Blackstone, Galena  
Frederick James Brannan, Massillon  
Teryl Timothy Craig, Ripley  
David Gary Foust, Worthington  
Frank Joseph Madi, Lorain  
Roman Malysz, Parma  
Joseph George Stahovec, Lore City

### **Bachelor of Science in Agricultural Engineering**

One candidate

Kenneth Allen Stegall, Blanchester

### **Bachelor of Chemical Engineering**

Two candidates

\*David Roy Boodey, Peninsula  
James Andrew Nycz, Rossford

### **Bachelor of Science in Chemical Engineering**

Two candidates

Michael James Clark, Avon Lake  
Michael Joseph Katila,  
Fairport Harbor

### **Bachelor of Civil Engineering**

One candidate

\*Michael Joseph Smith, Bridgeport

### **Bachelor of Science in Civil Engineering**

Twelve candidates

James George Beasley, Seaman  
James Edward Brenneman, Lima  
Terry Alan Hoppes, Springfield  
Stephen Andrew Hudacek,  
Bethlehem, Pa.

Fred Alan Hunt, Hide-a-Way Hills  
Raymond Gene Lenczowski, Columbus  
Daniel Lee Miller, Wheaton, Ill.  
Patrick Lee Mustaine, Bellefontaine  
William Joseph Pelich, Columbus  
Gary Francis Scanlon, Cincinnati  
David George Schlegel, Columbus  
Robert Allen Yingst, Grove City

### **Bachelor of Science in Computer and Information Science**

Ten candidates

Marvin Jay Denny,  
Middleburg Heights  
Jeffrey Lynn Haas, Chesterland  
Lynn Douglas Hargrove,  
Casper, Wyo.  
Larry Gene Hathaway, Columbus  
Vernon Keith Hering, Columbus  
Robert Anthony Palermi, Columbus  
David Eugene Pritchard,  
Olmsted Falls  
Ronald Lee Sellers, Columbus  
B.S.  
Richard Charles Sponable,  
North Syracuse, N. Y.  
John Anthony Struzzi,  
Westmoreland City, Pa.

### **Electrical Engineering**

One candidate

Danny Lee Hogan, Byesville  
B.A. (Memphis State University)

### **Bachelor of Electrical Engineering**

Two candidates

\*Brian Manhire, Milltown, N. J.  
David William Ruger, Archbold  
\*Stephen Douglas Smith, Newark

### **Bachelor of Science in Electrical Engineering**

Thirteen candidates

David Lee Allen, Ramsey, N. J.  
David Charles Claes, Shelby  
Frank Edward Ivan, Jr., Columbus  
Kim Tien-Tze Koo, Columbus

\* Also Master of Science, Graduate School



Dale Wesley Lukens, London  
George Congdon Mayhew, Jr.,  
Youngstown  
Frank Thomas Miceli,  
Laurelton, N. Y.  
Robert Carl Ransbottom, Mansfield  
William Chester Scott, Columbus  
Joseph Szanati, North Ridgeville  
Robert Paul Walker, Columbus  
Dennis Earl Winchell, Chagrin Falls  
Dennis Paul Yenke, Springdale

**Industrial Engineering**

One candidate

Lawrence Havens Smith, II, Oregon  
B.S.C.I.S.

**Bachelor of Science in  
Industrial Engineering**

Thirteen candidates

Mark Colfax Aukeman, South Vienna  
Tommy Nelson Biehl, Whipple  
Stephen Raymond Burke, Columbus  
James Kenneth Corwin, Columbus  
Richard Leo Drerup, Ottawa  
Mark Leo French, Richmond Dale  
Richard Halling Halvorsen,  
Buckfield, Me.  
Charles Allen Hamilton, Columbus  
David Daniel Lovich, Lorain  
Gary Lee Murphy, Marietta  
Stephen Luther Rudd, Columbus  
Robert Frank Takacs, Parma Heights  
James Arthur Willmore, Jr.,  
Columbus

**Mechanical Engineer**

One candidate

Dennis Adelbert Horazak, Columbus  
B.M.E.

**Bachelor of Mechanical Engineering**

Two candidates

\*Richard Alan Bell, Middlefield  
Steven Darryl Richardson,  
Penfield, N. Y.

**Bachelor of Science in  
Mechanical Engineering**

Nineteen candidates

James Harmon Anderson, Lowell  
Diego John Arduini, Columbus  
John Allen Bartolomucci, Shadyside  
Charles Albert Beard, Jr., Mansfield  
David Arch Billmire, Columbus  
David Earl Enting, Columbus  
Michael Duane Faloan, Hanoverton  
Harold Aloysius Fischer, Wapakoneta  
Harold Frasure, Columbus  
Robert David Hanks, Dover  
William Barnes Houghton, Columbus  
Robert Otto Koester, Jr.,  
Columbia Station  
James Lawrence McGinnis, Columbus  
Edward Carl Mullen, Kingsville  
Ted R. Provost, Navarre  
Mark Edwin Scudiere, Columbus  
Paul William Stecker, Columbus  
Michael Larry Young, Columbus  
Eugene John Zanko, Parma

**Bachelor of Metallurgical Engineering**

Two candidates

Robert Donald Mack, Jr.,  
Washington C. H.  
Robert Eugene Palmer, Minerva

**Bachelor of Science in  
Engineering Physics**

Two candidates

Reed Richard Bittinger, Mansfield  
Robert Bruce Bonhard, Mt. Cory

**Bachelor of Welding Engineering**

One candidate

\*Robert Edmund Wills, Columbus

**School of Architecture**

**Bachelor of Science in  
Landscape Architecture**

One candidate

Paul Gordon Busse, Cincinnati

**College of Medicine**

Dean: John A. Prior, M.D.

**School of Allied  
Medical Professions**

**Bachelor of Science in  
Medical Technology**

One candidate

Karen Sue Brown, Columbus

**Certificate of Nurse Anesthetist**

Three candidates

Joe Cleo Black, Galion  
Robert Forest Davis, II, Paulding  
Hilda Susanna Jamison,  
Chippewa Lake

**Certificate of Post Baccalaureate  
Medical Technologist**

Two candidates

Denise Chandonnet Loofbourrow,  
Columbus, B.S.  
Chia-chen Liu Wu, Oak Park, Ill.  
B.S. (Taiwan Provincial Chung-  
Hsing University)

**School of Nursing**

**Bachelor of Science in Nursing**

Forty-five candidates

Carol Ann Ashton, Red Lion, Pa.  
Beverly Calcara Barone, Columbus  
Susan McLravy Baxter, Worthington  
Valerie Joy Bayne, Lorain  
Deanna Lorenz Bukovec, Lakewood  
Linda Marie Buyer, West Unity  
Peggy Rose Coldwell, Mt. Gilead  
Tonya Lee Dawson, Dayton  
Nancy Jane Emery, Aurora  
Linda Faye Erlich,  
University City, Mo.  
Catharine Anne Fry,  
North Vernon, Ind.  
Elaine Ferrrell Gardner,  
New London  
Sandra Lee Gedeon, Hinckley  
Elaine Foster Glass, Springfield

\* Also Master of Science, Graduate School

Kathlyn Ann Halderman, Toledo  
 Marilyn Louise Handwork, Salem  
 Rebecca Sullivan Haveman,  
     New Paris  
 Charles William Henkle, Columbus  
 Nancy Ann Holter, Pomeroy  
 Faithy Ford Justin, Cleveland  
 Rita Kay Kelly, Washington C. H.  
 Andrea Vidmar Kusar, Euclid  
 Kathleen Johnson Lennon, Navarre  
 Deborah Diane Lumley, Carrollton  
 Marilyn Kae Mandas, Dayton  
 Patricia Elaine McDonald, Columbus  
 Harriett Melinda Miree, Cincinnati  
 Edith Jane Morris, Venedocia  
 Joan Olovitch, Chesterfield, Mo.  
 Sandra Glazman Reich, Akron  
 Ollie Arnold Richards, Columbus  
 Dona May Richter, Salesville  
 Anita Smith Sayers, Cincinnati  
 Sister Kathleen Marie Scott,  
     Struthers  
 Nancy Lee Shallenberger, Marietta  
 Patricia Ann Smith, Long Bottom  
 Sally Joan Stein, Columbus  
 Dorothy Jane Stewart, Marion  
 Kathleen Marie Swift, Hudson  
 Joyce Elaine Wells, McComb  
 Renee Marie Wendt, Worthington  
 Rachel Renee Werner, Cleveland  
 Deloris Imogene Wharton, Marion  
 Donna Lynn Wysong, Kettering  
 Kathleen Ann Yacobozzi, Amherst

## Graduates with Honors

### Summa Cum Laude

Dale Charles Angerman, Navarre  
 Richard Alan Bell, Middlefield  
 David Scott Birsá, Jefferson  
 Diana Marie Cohen, Canton  
 Diane Davis Cottrell, Lima  
 David Earl Enting, Columbus  
 James LeRoy Gessler, Pandora  
 Andrea Lynn Gilchrist, Cincinnati  
 Elaine Foster Glass, Springfield  
 Brenda Thelma Harper, Warren  
 Elaine DeGreve Klopfenstein,  
   Crestline  
 Catherine Herl Madden, Ashtabula  
 Gerald Joseph Michalec, Mentor  
 Joan Olovitch, Chesterfield, Mo.  
 Marilyn Leet Penrod, Bethesda, Md.  
 Michael Nelson Schaeffer, Cincinnati  
 Vera Jane Seelenbinder, Springfield  
 Karen Elizabeth Slangenaupt, Niles  
 Stephen Douglas Smith, Newark  
 Sandra Hampton Spayde, Mansfield  
 Sharon Ann Tesi, North Canton  
 Norman Herbert Thomas,  
   Washington C. H.  
 Robert Edwin Wayland, Brook Park  
 Mary Ellen Weber, Cincinnati  
 James Hutchison Williams, Jr.,  
   Columbus  
 Carol Anita Zelizer, Columbus

### Cum Laude

Lawrence Harris Babich, Marion  
 Marian Short Bass, Marion  
 Thomas Mark Beetham, Cadiz  
 Reed Richard Bittinger, Mansfield  
 Susan Thaw Brown, Marion  
 Rosanne Nowak Buckner, Cleveland  
 Deanna Lorenz Bukovec, Lakewood  
 Annabelle Oler Burggraf, Cardington  
 Nieca Dianne Caltrider,  
   Colorado Springs, Colo.  
 Gary Michael Camp,  
   Parkersburg, W. Va.  
 Beverly Rae Claycombe, Columbus  
 Leonardo Rafael Corral,  
   Riobamba, Ecuador  
 Donald Gerrard Dawson, Rocky River  
 Vicki Lynn Derr, East Liverpool  
 Mary Ethel Devaney, Rye, N. Y.  
 Cheryl Ann Eppley, Bucyrus  
 Deborah Sherman Finkel,  
   Encino, Calif.  
 Catherine Anne Fry,  
   North Vernon, Ind.  
 Donatelia Vigo Glod, Milano, Italy  
 Martha Hoppe Harmon, Columbus  
 Barbara Fusack Harris, Cincinnati  
 Bruce McNeill Hayman, Rocky River  
 John William Herbert, Orrville  
 Beverly Catherine Hess, Columbus

Dennis Adelbert Horazak, Columbus  
 Katherine Elizabeth Hubbard, Toledo  
 Michael David Imfeld, Middletown  
 Janet Elaine Irvin, Lexington  
 Darwin Clinton Jackson, Cleveland  
 Patricia Kennedy, Cincinnati  
 Stuart Brooks Kincaid, Hillsboro  
 Shirley Jane Lind, Canton  
 Carol Jean Litzler, Mansfield  
 Timothy Spiess Manchester, Lakeview  
 Jonathan William Mauch, Cincinnati  
 Nancy Lee McBride, Columbus  
 Kathleen Bernice McCabe, Lakewood  
 Elizabeth Ann McKinney,  
   Olmsted Falls  
 Devonna S. Mumford, Columbus  
 Mary Jo Panzone, Columbus  
 Anthony John Paudiez, Marysville  
 Erica Elizabeth Retter, Columbus  
 Dona May Richter, Salesville  
 Dorothy Elva Risberg, Cleveland  
 John Edwin Rose, Cambridge  
 Michael Preston Sarrey, Columbus  
 Patricia Seeger Scharer, Galion  
 Richard Leo Schlatterbeck, Lewisburg  
 John Douglas Seibert, Toledo  
 Stephen Douglas Skinner, Columbus  
 Cathryn Marie Smith, Mansfield  
 Sally Joan Stein, Columbus  
 Mary Elizabeth Stillwell, Elyria  
 Elizabeth Ann Tewksbury, Hamilton  
 Danny Robert Thompson, Oregon  
 Ellen Fox Thompson, Orient  
 Roberta Louise Tipton, Dayton  
 Sharla Ann Waltz, Lima  
 Janice Neva Wells, Springfield  
 Gary Wilber, Cincinnati  
 Marie Elaine Zeglen, Levittown, Pa.

### Summa cum laude and with Distinction in Dairy Science

Bruce K. Beery, Burbank  
 Richard Louis Cryder, Kingstons

### Summa cum laude and with Distinction in English

Laurie Gatherum MacFarlane,  
   Columbus

### Cum laude and with Distinction in Agricultural Education

William Geoffrey Owen, Cincinnati

### Cum laude and with Distinction in Animal Science

Debra Jones Endsley, Kirtland

### Cum laude and with Distinction in History

David Newton Marinelli,  
   New Providence, N. J.

### With Distinction in Agricultural Economics

John Franklin Siegel, Covington

### With Distinction in Dairy Science

Robert James Harmon, Kingsville

### With Distinction in French

Katherine Barbara Drobot, Columbus

### With Distinction in Natural Resources

John Wayne McNeely, Dayton

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND SEVENTY-FIFTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, April 7, 1972

The Board of Trustees met at its regular monthly meeting on Friday, April 7, 1972, at The Ohio State University Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: James W. Shocknessy, Chairman, Don M. Hilliker, William C. Safford, John H. Dunlap, Robert S. Dorsey, John L. Gushman, and Howard D. Sirak.

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Minutes of the last meeting were approved.

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REPORT BY CHAIRMAN

A. Nomination and Election of Dr. Harold L. Enarson,  
Ninth President of The Ohio State University

Mr. Shocknessy made the following statement and recommendation:

My report today will envision a decision to be made by this Board which it will undertake to make after having given the fullest of thought to the decision. Today this Board may make a decision which is the most important decision it has thus far been called upon to make and which may be the most important decision that it will ever be called upon to make. The importance of the decision invests the occasion with a certain solemnity Board meetings don't often have. Today is 'the day' I hope. Today is 'the day' of decision, I hope. Today is 'the day' when I hope the decision we make will have not merely importance today but it will have significance down the years of the future--significance to all of us here--significance to the whole State, as well as to the University which is represented by those of us who are here and significance to higher education in our country.

For more than a year we have been as a Board seeking a President for The Ohio State University to succeed the distinguished man at my right who has served this University so selflessly, so ably, and so well for 16 years. The Board has been assisted in its efforts by a Search Committee--a Committee which has another title but which we have come to know familiarly as the Search Committee. The Search Committee structure was suggested by President Fawcett. The Search Committee structure was created by this Board. President Fawcett in his whole administration has rarely done anything for this Board better than his recommendation for the structuring of the Search Committee. President Fawcett's recommendation of the structure envisioned representation on the Search Committee of every constituency of the University. The Search Committee was convened first under the Chairmanship of the immediate past Chairman of this Board, The Honorable John G. Ketterer. The Search Committee persevered over the period from then till today. The Search Committee has never wavered, has never faltered. The Search Committee has given unstintingly of its efforts, of its talents, and we are grateful for all the Search Committee has accomplished, for all the benefits that we as a Board and the University have derived from the efforts and labors of the Search Committee. The Search Committee over the months interviewed and otherwise examined the credentials of many prospects for the Presidency of this University. This Board has examined the credentials, this Board has conferred with many worthy prospects for the Presidency of this University. This Board has not until today offered the Presidency to any prospect. It has been rumored often that this or that prospect had been offered the position. This



April 7, 1972 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

A. Nomination and Election of Dr. Harold L. Enarson,  
Ninth President of The Ohio State University (continued)

Mr. Shocknessy's statement (continued)

Board never has and never would shop around for the office of the Presidency of this great University. This Board determined that it would not make an offer until it was assured in its collective mind that the person to whom it would make an offer would be able to accept the Presidency as well as to fulfill its manifold responsibility. The Search Committee rather recently presented us with several names. All the persons then named were interviewed, save one of that group, by a majority of this Board. That one who was not interviewed had asked that his name be withdrawn before the interviews were undertaken. I think it is to the everlasting glory of everybody who has had anything to do with the processes which have been applied over the recent past months that the confidentiality of the processes has been maintained.

And now I am ready to state that the several members of this Board here present today authorized me only just before this meeting to say that the Presidency of The Ohio State University will be offered at this meeting to Dr. Harold L. Enarson, the President of Cleveland State University. Dr. Enarson was born in Villisca, Iowa. He has three children and a wife; the wife is Audrey and she has been interviewed also by a majority of our Board. Dr. Enarson has an A.B. from the University of New Mexico, which was awarded in 1940; he has a M.A. from Stanford University, which was awarded in 1946; he has a Ph.D. from American University which was awarded in 1951. He has been the President of Cleveland State University since 1966. From 1961 to 1966 he was the Academic Vice President at the University of New Mexico; in 1960-1961 he was Administrative Vice President at the University of New Mexico; from 1954 to 1960 he was Director of Western Interstate Commission on Higher Education; in 1953-1954 he was Executive Secretary to the Mayor of Philadelphia; in 1953 he was Assistant Director of Commerce for the City of Philadelphia; from 1950 to 1952 he was Special Assistant, Office of the Assistant to the President in the White House; in 1949-1950 he was an Assistant Professor at Stanford University; from 1946 to 1949 he was Assistant Professor at Whittier College; from 1943 to 1946 he was in the United States Infantry; in 1942-1943 he was Budget Examiner, Bureau of Budgets in Washington.

Dr. Harold Enarson has distinguished himself as a teacher, researcher, and practitioner in the field of Political Science. He has been recognized throughout by his academic appointments and by virtue of government service at the national,

REPORT BY CHAIRMAN (continued)

A. Nomination and Election of Harold L. Enarson,  
Ninth President of The Ohio State University (continued)

Mr. Shocknessy's statement (continued)

regional, state, and local levels. Dr. Enarson's advisory relationships include service in the National and International arenas and they have included assistance to such diverse fields and agencies as the National League of Nursing, United States Department of Agriculture, the Agency for International Development, the Commission on International Education, the American Council on Education, the Ford Foundation, and the Carnegie Corporation. Cleveland State University has come into being under his leadership during turbulent times in the history of American higher education. President Enarson has guided this institution well during its initial six years by taking an active part in the recruitment and development of a staff from the department level to personnel engaged in central administration tasks. As able faculty and administrators have joined the institution, Dr. Enarson has delegated responsibility and worked with the staff in such a way that he has earned a very deep loyalty and respect from those with whom he has been associated. Persons close to Cleveland State University describe Harold Enarson as a warm, humanistically oriented administrator who has been able to work effectively with a strong governing board. Dr. Enarson has enjoyed excellent relationships with students.

In addition to performance in the Presidential role of a rapidly growing urban University, Dr. Enarson has had a diversity of academic service in a variety of public and private institutions. Initial professional experience at Whittier College and at Stanford University has prepared him well for future responsibility at a large State University, New Mexico where he served successively in the roles of Administrative and Academic Vice President and at Cleveland State University.

Those who have followed Dr. Enarson's career over a period of years are quick to identify the extremely supportive role which Audrey Enarson has played. They describe her as tireless and innovative and they state as First Lady of this University she will be a great First Lady, worthy of following in the footsteps of the great First Lady we have had the past 16 years. We believe that Dr. Harold L. Enarson presents an excellent record as a university administrator; a record solidly built upon achievement, as well as strong student and faculty support. We further believe that Dr. Enarson if chosen by this Board today will be an outstanding President of The Ohio State University. We feel that he has exciting vision of the big mission for an institution such as Ohio State and that he is as worthy a man as could be found to follow the worthy man whom he would be following.

April 7, 1972 meeting, Board of Trustees

REPORT BY CHAIRMAN (continued)

A. Nomination and Election of Dr. Harold L. Enarson,  
Ninth President of The Ohio State University (continued)

Mr. Shocknessy presented the following motion:

And accordingly, in accordance with law and the By-Laws of the Board of Trustees of The Ohio State University, I move the appointment and election of Dr. Harold L. Enarson to the Presidency of The Ohio State University, being the ninth in order of succession, effective September 1, 1972, at a salary of \$50,000 per annum, and with all allowances, rights, privileges, perquisites, duties, and responsibilities of the office and subject to such other arrangements and adjustments from time to time as may be mutually agreed upon and in accordance with an oath of office to be taken upon his entrance upon duty. That is my motion.

Dr. Sirak has asked to be recognized as the first second but I believe all members of the Board who are present also will want to second the nomination incorporated in my motion. I have been advised Mr. Eckley, were he here, that he would offer to second the nomination of Dr. Enarson whom he knows well in Cleveland and I have been advised by Mr. Dunlap that he has been advised by Mr. Harrod that were he here he would offer a second. Accordingly, I shall consider formally as a second Dr. Sirak, who requested to make the second, and I shall formally recognize also as seconds all members of the Board who are present and informally the two members who are not present. Will the Secretary call the roll, please. (Dr. Sirak, yes; Mr. Gushman, yes; Mr. Dorsey, yes; Mr. Dunlap, yes; Mr. Safford, yes; Mr. Hilliker, yes; Mr. Shocknessy, yes.)

All members present have voted in favor of the motion and I now declare the motion passed and Dr. Harold L. Enarson the next President of The Ohio State University. (Applause from Search Committee section.) And nobody is more entitled to applaud than those who applauded from the first rows on my left.

Mr. Shocknessy continued with the following statement:

And now, I want to thank President Fawcett in behalf of the Board of Trustees for the structuring plan which was followed in creating the Search Committee which as I said before was composed of representatives of every constituency of the University. I want to thank the Search Committee for its monumental labors and for the enormously satisfactory result which

REPORT BY CHAIRMAN (continued)

A. Nomination and Election of Dr. Harold L. Enarson,  
Ninth President of The Ohio State University (continued)

Mr. Shocknessy's statement (continued)

has been achieved. The Search Committee, having completed its mission as envisioned, may now be dissolved with our expressions of gratitude which will be formalized by letter or scroll to be arranged for by the Secretary of this Board for each member who served on the Committee, including the first Chairman, The Honorable John G. Ketterer, who gave many months to the office, and the representative of the Student Government who retired from the Committee early this year, Mr. Jerome Friedman, and the widow of Dr. Grant O. Graves who served on the Committee until his untimely death. The files and records of the Search Committee will be incorporated appropriately in the files of the Board of Trustees of this University so that the next Board which is required to choose a President may have available all necessary precedents. I shall make available also the file of correspondence and such other information as has come into my possession as Chairman of the Board of Trustees. We extend our expressions of gratitude to the media of communications all of which have worked to keep the public informed of the deliberations and the efforts of the Search Committee and the Board.

President Fawcett has advised this Board that he will give unstintingly of his efforts to assist the President-elect, Dr. Enarson, to enter upon his duties and assume his responsibilities with all ease. Knowing President Fawcett and the benevolence with which every act of his is taken, we know as members of this Board and as part of this University that the transition will be effected with efficiency and great goodwill. On behalf of the Board I urge that all of us join together to support the new administration. This Board will give every ounce of its ability to support the new administration which will assume office in September and we know that the administration of President Fawcett will do just as President Fawcett promised. With that I conclude our statement with respect to the election of the President.

Dr. Moulton, as Secretary of the Board, you will proceed to make effective the action which will be required and one of us, you or I, will advise Dr. Enarson, after this meeting, of his election. Dr. Enarson indicated his willingness to accept the position if it were tendered and he and I together talked to the Chairman of the Board of Cleveland State University so that our good relations with Cleveland State would be maintained in this period when the President of Cleveland State will be preparing to come to The Ohio State University. I advised the Chairman of the Board of Cleveland State University that our Board and

REPORT BY CHAIRMAN (continued)

A. Nomination and Election of Dr. Harold L. Enarson,  
Ninth President of The Ohio State University (continued)

Mr. Shocknessy's statement (continued)

our University would do everything within our ability and the ability of the University to cooperate with Cleveland State in this period. And I told the Chairman further that if there were any suggestions which would be helpful from our efforts in seeking a President that Cleveland State would be welcome to whatever we have.

Mr. Shocknessy asked President Fawcett if he would like to respond.

President Fawcett responded as follows:

Mr. Chairman and members of the Board, a year ago in March when you convened for the purpose of acting favorably upon my request to retire from the Presidency of this University on September 1, 1972, you requested me to bring forth for your consideration and approval, modification, or rejection an appropriate search procedure for the selection of my successor. I did, you approved it and the procedure is now completed. That procedure was somewhat unique as you have indicated, Mr. Chairman, in that there were more constituencies of the University represented in it than have marked the procedures used in a good many other universities. So I want first of all to express my gratification for the manner in which the people who labored long and well performed their services. I am highly pleased that the procedure appears to have worked. I want also to extend my congratulations to Dr. Enarson and to reaffirm what you said concerning my willingness to assist him in every possible way in his preparation to assume responsibilities of this University the first of September. And finally, I want to commend this Board for what I think is the very effective manner in which it has worked with all people concerned as well as the wisdom of your decision.

Mr. Shocknessy responded:

Be sure that Mrs. Fawcett knows that we included her in our remarks today. In our discussion with Dr. Enarson, we told him that he would be coming to a University that has a firm and stable structure, that we are proud of our administration which has or will have preceded him.

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April 7, 1972 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATION

A. Revision of Rules 29.2715 and 29.2729  
of Rules for the University Faculty

The Faculty Council on March 15, 1972, approved changes in Rule 29.2715 and Rule 29.2729 of Rules for the University Faculty. (See Appendix VIII, page 537.)

1. In Rule 29.2715 the membership of the Council on Admissions and Registrations is revised to include five student members.
2. In Rule 29.2729 the membership eligibility within the graduate category on the Committee on Academic Freedom and Responsibility is revised so as to include Research and Administrative Associates as well as Teaching Associates.

President Fawcett recommended that the foregoing changes in the Rules for the University Faculty as approved by the Faculty Council be adopted.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the Board of Trustees approved the foregoing recommendation by unanimous voice vote, and the Secretary of the Board of Trustees was further instructed and given authority to make the changes in the Rules for the University Faculty in the next printing.

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II. PERSONNEL CHANGES

Personnel changes since the March 3, 1972 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Promotions, Appointments, and Leaves of Absence Without Salary:

A. Promotions

Colin B. B. Bull from Professor and Chairman of the Department of Geology to Dean of the College of Mathematics and Physical Sciences, effective July 1, 1972, at a salary of \$32,088.00 per annum. Dr. Bull will hold an academic appointment as Professor in the Department of Geology.

Erika E. Bourguignon from Professor in the Department of Anthropology to Professor and Chairman of the Department of Anthropology, effective July 1, 1972, at a salary of \$22,932.00 per annum.

April 7, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

A. Promotions (continued)

William H. Havener from Professor in the Department of Ophthalmology to Professor and Chairman of the Department of Ophthalmology, effective July 1, 1972, at a salary of \$24,048.00 per annum.

B. Appointments

David H. Smith, Associate Dean, College of Social and Behavioral Sciences, effective July 1, 1972, at a salary of \$23,088.00 per annum.

Edward J. Kane, Professor (Everett D. Reese Chair of Banking and Monetary Economics), Department of Economics and Academic Faculty of Finance, effective July 1, 1972, at a salary of \$30,168.00 per annum.

C. Leaves of Absence Without Salary

Raymond A. Bailey, Professor, Department of Agricultural Economics and Rural Sociology, effective April 1, 1972 through June 30, 1972, to participate in the appraisal of a Livestock Development Loan in Ireland.

Byron L. Bondurant, Professor, Department of Agricultural Engineering, effective February 14, 1972 through May 14, 1972, to contribute as short-term consultant to the Ford/OSU (Department of Agricultural Engineering) cooperative contract in India.

President Fawcett recommended that the Promotions, Appointments, Leaves of Absence Without Salary, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Dunlap, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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April 7, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

SUMMARY

(February 11, 1972 - March 17, 1972)

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	7	\$204,580.00
Industrial and Other Research	4	51,435.00
<u>Grants</u>		
Government Research - Federal	25	713,256.00
Industrial and Other Research	<u>1</u>	<u>3,450.00</u>
Totals	37	\$972,721.00

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by the Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.



April 7, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal

- a. Department of Navy, Navy Weapons Laboratory, Dahlgren, Virginia, Computation of the Radiation Patterns of an Offset Fed Parabola (to be known as Project No. 3220-A1 - Mod. #P00001 - Department of Electrical Engineering).  
Gross Value - \$9,000.00.
- b. Department of Army, Harry Diamond Laboratories, Washington, D. C., A Study to Improve the Performance of Electrically Small Antennas Located in Small Dielectric Nose Cones (to be known as Project No. 3281-A1 - Mod. #P00001 - Department of Electrical Engineering).  
Gross Value - \$58,576.00.
- c. Department of Army, Office of the Secretary of the Army, Office of Civil Defense, Washington, D. C., Studies in Disaster Response and Planning (to be known as Project No. 3395-A1 - New - Department of Sociology).  
Gross Value - \$33,000.00.
- d. Department of Interior, Bureau of Mines, Denver, Colorado, Fundamental Studies in the Use of Sonic Power for Rock Cutting (to be known as Project No. 3396-A1 - New - Department of Engineering Mechanics).  
Gross Value - \$51,735.00.
- e. Department of Air Force, Air Force Systems Command, 4950th Test Wing (Technical), Wright Patterson Air Force Base, Ohio, Aircraft-Simulator Transfer Problems (to be known as Project No. 3398-A1 - New - Department of Preventive Medicine).  
Gross Value - \$20,130.00.
- f. Department of Navy, Office of Naval Research, Arlington, Virginia, Research on the Preparation and Properties of Semiconductor Compounds as Aluminum Antimonide (to be known as Project No. 3411-A1 - New - Department of Electrical Engineering).  
Gross Value - \$31,649.00.
- g. Department of Navy, Naval Ship Research and Development Laboratory, Annapolis, Maryland, Services and Materials to Provide Thermistor Gas Coverage Mapping of Gases and Mixes Using External Gas Shielding Device for Welding (to be known as Project No. 3412-A1 - New - Department of Welding Engineering).  
Gross Value - \$490.00.

TOTAL - Government Contracts - Federal \$204,580.00

April 7, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

2. Industrial and Other Research Contracts

- a. The Babcock and Wilcox Company, Research and Development Division, Alliance, Ohio, Nitric Oxide Detection with an Infrared Laser (to be known as Project No. 3300-A1 - Purchase Order #25645 - Department of Electrical Engineering).  
Gross Value - \$7,000.00.
- b. Paint Research Institute, Philadelphia, Pennsylvania, Paint Mildew Ecology (to be known as Project No. 3389-A1 - New - Department of Botany).  
Gross Value - \$12,535.00.
- c. International Lead Zinc Research Organization, Inc., New York, New York, Effect of G6Pd Deficiency on Lead Uptake of Erythrocytes (to be known as Project No. 3403-A1 - New - Department of Physiology).  
Gross Value - \$14,354.00.
- d. The Boeing Company, Wichita Division, Wichita, Kansas, Theoretical Evaluation of Surface Current and Charge Densities (to be known as Project No. 3406-A1 - New - Department of Electrical Engineering).  
Gross Value - \$17,546.00.

TOTAL - Industrial and Other Research Contracts \$51,435.00.

3. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Hemopoiesis - a Histochemical and Cytological Unit (to be known as Project No. 893-M - Ext. #13 - Department of Anatomy).  
Gross Value - \$38,839.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Comparative Biochemistry of Normal and Diseased Hearts (to be known as Project No. 1100-J - Sup. #1 - Department of Surgery).  
Gross Value - \$10,906.00.
- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Hormonal Regulation of Cellular Processes (to be known as Project No. 1172-L - Ext. #11 - Department of Biochemistry).  
Gross Value - \$28,021.00.

April 7, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Blood  $PO_2$  - Artery  $QO_2$  Relationship and Atherosclerosis (to be known as Project No. 1800-G - Sup. #1 - Department of Physiology).  
Gross Value - \$3,442.00.
- e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Ion Transport by Heart Mitochondria (to be known as Project No. 2012-G - Ext. #7 - Department of Physiological Chemistry).  
Gross Value - \$33,464.00.
- f. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Renal Lymph and Renal Function (to be known as Project No. 2308-D - Ext. #4 - Department of Physiology).  
Gross Value - \$19,658.00.
- g. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Metabolism of 6-Deoxyhexoses (to be known as Project No. 2701-D - Ext. #4 - Department of Biochemistry).  
Gross Value - \$21,319.00.
- h. Department of Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Information Processing for Target Detection and Identification (to be known as Project No. 2768 - Mod. #AFOSR-69-1710E - Department of Electrical Engineering).  
Gross Value - \$40,000.00.
- i. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, The Synthesis of Catena Type Compounds (to be known as Project No. 2993-B - Ext. #2 - Department of Chemistry).  
Gross Value - \$32,454.00.
- j. National Science Foundation, Washington, D. C., Geology of the Beardmore Glacier-Scott Glacier Region, Transantarctic Mountains, Antarctica (to be known as Project No. 3103-A1 - Amend. #1 - Institute of Polar Studies).  
Gross Value - \$18,600.00.

April 7, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- k. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Central Oncology Group (to be known as Project No. 3167-A2 - Ext. #1 - Department of Surgery).  
Gross Value - \$24,894.00.
- l. Department of Air Force, Air Force Office of Scientific Research, Air Force Systems Command, Arlington, Virginia, Automatic Pictorial Pattern Recognition Techniques for Use in Multi-Sensor Environments (to be known as Project No. 3183-A1 - Mod. #AFOSR-71-2048B - Department of Electrical Engineering).  
Gross Value - \$49,764.00.
- m. National Science Foundation, Washington, D. C., Carbenic Processes: The Chemistry of Diazo Compounds and Related Intermediates (to be known as Project No. 3195-A1 - Sponsor Ltr. Dtd. 2/10/72 - Department of Chemistry).  
Gross Value - \$41,300.00.
- n. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Extrarenal Renin and Intrarenal Blood Flow (to be known as Project No. 3209-A1 - Ext. #1 - Department of Medicine).  
Gross Value - \$28,757.00.
- o. National Science Foundation, Washington, D. C., Ecological Studies in the Galapagos Islands (to be known as Project No. 3233-A1 - Sponsor Ltr. Dtd. 2/22/72 - Department of Zoology).  
Gross Value - \$31,900.00.
- p. National Aeronautics and Space Administration, Langley Research Center, Hampton, Virginia, Radar Return and Radiometric Emission from the Sea (to be known as Project No. 3266-A1 - Sup. #1 - Department of Electrical Engineering).  
Gross Value - \$30,000.00.
- q. National Science Foundation, Washington, D. C., Effect of Structure on Rates and Equilibria (to be known as Project No. 3397-A1 - New - Department of Chemistry).  
Gross Value - \$28,000.00.
- r. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Modification of Cellular Immunity to Neoplasia in Man (to be known as Project No. 3399-A1 - New - Department of Medicine).  
Gross Value - \$36,441.00.

April 7, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- s. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Periodontal Diseases in the Germfree State (to be known as Project No. 3402-A1 - New - College of Dentistry).  
Gross Value - \$24,352.00.
- t. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Dental Research, Bethesda, Maryland, Biomechanical Analysis of Tooth Supportive Structures (to be known as Project No. 3404-A1 - New - Department of Physiology).  
Gross Value - \$28,889.00.
- u. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Biochemical Mechanisms in Cardiac Hypertrophy (to be known as Project No. 3405-A1 - New - Department of Pathology).  
Gross Value - \$62,056.00.
- v. National Science Foundation, Washington, D. C., Ligand Binding and Protein Disaggregation Properties of Methemoglobin (to be known as Project No. 3413-A1 - New - Department of Chemistry).  
Gross Value - \$34,000.00.
- w. National Science Foundation, Washington, D. C., Simple Groups of Sectional Rank at Most 4 (to be known as Project No. 3415-A1 - New - Department of Mathematics).  
Gross Value - \$5,700.00.
- x. National Science Foundation, Washington, D. C., Dust Concentrations in Byrd Core Compared With Climate Over Last 100,000 Years (to be known as Project No. 3416-A1 - New - Institute of Polar Studies).  
Gross Value - \$30,000.00.
- y. National Science Foundation, Washington, D. C., Analysis of Glaciology and Meteorology of Anvers Island, Antarctica (to be known as Project No. 3417-A1 - New - Institute of Polar Studies).  
Gross Value - \$10,500.00.

TOTAL - Government Research Grants - Federal \$713,256.00

4. Industrial and Other Research Grant

- a. American Cancer Society, Ohio Division, Columbus, Ohio, The Role of Sensitized Lymphocytes in Tumor Immunity (to be known as Project No. 3407-A1 - New - Department of Anatomy).  
Gross Value - \$3,450.00.

April 7, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

B. The Report of the Research Contracts  
from the Engineering Experiment Station

S U M M A R Y

(Period: February 11, 1972 - March 20, 1972)

	No. of Projects	Gross Value
Government Research Contract	1	\$12,577.00
Industrial Research Contracts	<u>3</u>	<u>40,500.00</u>
Totals	4	\$53,077.00

The Engineering Experiment Station of The Ohio State University entered into the following research contracts. These research contracts were reported to the Board of Trustees for information and the record.

1. Government Research Contract

EES 410X     Field Evaluation of Ultrasonic Bridge Weld Scanner,  
Ohio Department of Highways, Columbus, Ohio.  
Gross Value - \$12,577.00.

2. Industrial Research Contracts

EES 325X     Load Profiles and Energy Requirement for Heating and  
Ext. #2     Cooling Buildings, American Society of Heating, Re-  
frigerating, and Air Conditioning Engineers, Inc., New  
York, New York.  
Gross Value - \$23,280.00.

EES 408X     Polymer Engineering Research, Owens Illinois Technical  
Ext. #1     Center, Toledo, Ohio.  
Gross Value - \$7,500.00.

EES 412X     Beneficial Uses of Waste Heat at the Perry Nuclear Power  
Plant, The NUS Corporation, Rockville, Maryland.  
Gross Value - \$9,720.00.

TOTAL - Industrial Research Contracts \$40,500.00

April 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS

S U M M A R Y

(Period: February, 1972)

<u>Grants</u>	
Office of Finance and Treasurer	\$4,795,029.00

<u>Gifts</u>	
The Ohio State University Development Fund	

	Number of	
	Gifts	Amount
Alumni	457	\$ 124,033.02
Individuals Other than Alumni	258	57,272.03
Business Concerns	38	70,231.68
Foundations and Nonprofit		
Organizations	<u>58</u>	<u>136,422.22</u>
Totals	811	\$ 387,958.95

The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include the establishment of named funds and a specific listing of some of the many gifts received.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the acceptance of the grants and gifts and the establishment of the named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

April 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer

1. \$3,800,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for support of A Comprehensive Career Education Model, under the direction of the Center for Vocational and Technical Education, for the period March 16, 1972 through August 31, 1972. (Grant No. OEG-0-72-1419)
2. \$291,500.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for support of NDEA Title IV Graduate Fellowship Program under the direction of the Graduate School, for the period September 1, 1972 through August 31, 1973. (Award Number 437-00 3090)
3. \$152,750.00 granted by National Science Foundation, Washington, D. C., to the University for support of the appointment of twenty-six Continuation Graduate Traineeships for a period of nine or twelve months, under the direction of the Graduate School. This grant terminates on September 30, 1973. (Grant GZ-2456, Proposal No. 2/Z30-2356)
4. \$109,200.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for support of Vocational-Technical Leadership Development Program, under the direction of the Center for Vocational and Technical Education, as amended for the period April 1, 1972 through August 31, 1973. (Grant No. OEG-0-70-1945, Revision No. 2)
5. \$93,184.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Parasitology and Medical Entomology - Training Grant, under the direction of the Department of Entomology, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 AI00216-12)
6. \$76,004.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Pharmacology - Training Grant, under the direction of the Department of Pharmacology, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 GM01417-08)
7. \$59,180.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Medicinal Chemistry-Training Grant, under the direction of the College of Pharmacy, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 GM01949-04)
8. \$49,300.00 granted by The Ohio Rehabilitation Services Commission, Columbus, Ohio, to the University for support of the performance of evaluative services set out in the VR/PW Expansion Grants Project Proposal, under the direction of the School of Social Work, for the period December 1, 1971 through November 30, 1972.



April 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

9. \$41,196.00 granted by National Science Foundation, Washington, D. C., to the University for support of Student Science Training Program (Pre-College), under the direction of the Department of Mathematics. This grant expires on October 31, 1972. (Grant GW-7530, Proposal No. 2/2742)
10. \$30,347.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Electrocardiography; Hemodynamics, for a Development Award - Research Career Program, under the direction of the Department of Veterinary Physiology and Pharmacology, for the period April 1, 1972 through March 31, 1973. (Grant No. 5 K03 HL13524-10)
11. \$25,053.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Clinical Chemistry-Training Grant, under the direction of the Department of Pathology, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 GM01805-05)
12. \$25,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for support of A Pilot Test of an Evaluation System for Vocational Education Leadership and Professional Development Activities, under the direction of the Center for Vocational and Technical Education, for the period January 15, 1972 through June 30, 1972. (Grant No. OEG-0-72-0051)
13. \$18,329.00 granted by National Science Foundation, Washington, D. C., to the University for support of Student Science Training Program (Pre-College), under the direction of the Department of Engineering Graphics. This grant expires on October 31, 1972. (Grant GW-7596, Proposal No. 2/2452)
14. \$13,450.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, Rockville, Maryland, to the University for support of Mental Retardation Training, under the direction of the College of Medicine, for the period July 1, 1971 through June 30, 1972. (Project No. 922)
15. \$5,207.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for Medical Library Resource Support, under the direction of the University Libraries, for the period March 1, 1972 through February 28, 1973. (Grant No. 5 G01 LM00684-04)

April 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

16. \$2,929.00 granted by State of Ohio, Department of Urban Affairs, 8 East Long Street, Columbus, Ohio, to the University for support of the preparation and conducting of a training program for approximately two hundred administrators and supervisors, who work with minority groups and disadvantaged employees, under the direction of the College of Administrative Science.
17. \$2,400.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Medical Student Apprenticeship Training-Training Grant, under the direction of the Department of Preventive Medicine, for the period March 1, 1972 through February 28, 1973. (Grant No. 5 A07 AH 00209-05)

B. The Ohio State University Development Fund

1. \$90,000.00 from The Kiplinger Foundation, Inc., Washington, D. C., for the Willard M. Kiplinger Professorship in Public Affairs in the School of Journalism.
2. \$43,844.53 from the Estate of Florence Mick, Columbus, Ohio, to be added to the Charles J. and Florence Y. Mick Memorial Fund for cancer research in the College of Medicine.
3. \$34,312.83 from the Estate of Dr. D. P. Snyder, Columbus, Ohio -- \$22,875.22 to be added to the Student Memorial Fund and \$11,437.61 to be added to the Snyder Research Memorial Fund.
4. \$24,186.80 from the Associates of Medicine, Columbus, Ohio, for the general fund in the Department of Medicine.
5. \$16,000.00 from The Grimes Foundation, Delray Beach, Florida, for its scholarship fund.
6. \$14,000.00 from the National/Ohio 4-H Foundation Campaign for its foundation fund.
7. \$12,650.00 from an anonymous donor for cancer research.
8. \$10,000.00 from Parke Davis & Company, Detroit, Michigan, for its research fund in the Department of Obstetrics and Gynecology.
9. \$7,045.00 from Mr. and Mrs. Ralph W. Kurtz, Tampa, Florida, for research in the College of Medicine.
10. \$6,750.00 from E. R. Squibb & Sons, Inc., East Brunswick, New Jersey, for infectious disease research.

April 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

11. \$5,600.00 from National Steel Corporation, Weirton, West Virginia, for its fellowship in Metallurgical Engineering.
12. \$5,250.00 from American Foundation for Pharmaceutical Education, Washington, D. C., for its fellowship fund.
13. \$5,000.00 from Organon, Inc., West Orange, New Jersey, for research in renal disease.
14. \$1,238.32 from the family and friends of William Allan Kilpatrick for the establishment of the William Allan Kilpatrick Outstanding Student Award.

William Allan Kilpatrick Outstanding Student Award

The William Allan Kilpatrick Outstanding Student Award was established April 7, 1972, by the Board of Trustees of The Ohio State University with gifts through The Ohio State University Development Fund from the family and friends of the late William Allan Kilpatrick, former student at the Newark Campus.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of the University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide a monetary award to an outstanding sophomore student enrolled at the Newark Campus. The award is to be made by the Director of the Newark Campus, upon the recommendation of a special committee appointed from the Newark Campus faculty and the Newark Campus students.

Should the need for this award cease to exist or so diminish as to provide unused income, then the income may be used for any purpose whatsoever, as determined by the Board of Trustees, with preference being given to the recommendations of the Director of the Newark Campus.

15. \$1,195.48 from John D. Drinko, Cleveland, Ohio, for the establishment of the Homer M. Edwards Memorial Fund.

Homer M. Edwards Memorial Fund

The Homer M. Edwards Memorial Fund was established April 7, 1972, by the Board of Trustees of The Ohio State University with a gift through The Ohio State University Development Fund from John D. Drinko, J. D. '44, in memory of Homer M. Edwards, B. S. Bus. Adm. '43, J. D. '48, late of Ironton, Ohio.

April 7, 1972 meeting, Board of Trustees

#### IV. GRANTS AND GIFTS

##### B. The Ohio State University Development Fund (continued)

###### 15. Homer M. Edwards Memorial Fund (continued)

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of the University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for the benefit of the College of Law, as determined by the Dean of said College.

Should the College cease to exist, through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for legal education.

##### C. Gift-in-Kind

1. A Charolais Bull from Ralph R. Baldanhofer, Springfield, Ohio, to the College of Agriculture and Home Economics, Department of Animal Science.

##### D. Acceptance of Property - 463 King Avenue, Columbus, Ohio

President Fawcett recommended the acceptance of a gift of property located at 463 King Avenue, Columbus, Ohio, from Mrs. Florence Woelfel, 3440 Olentangy River Road, Columbus. The property is bounded and described as follows:

Being Lot Number Forty-seven (47) of Dennison Park Addition, to the said City of Columbus, Ohio, as the same is numbered and delineated upon the recorded plat thereof, of record in Plat Book No. 4, page 106, Recorder's Office, Franklin County, Ohio, EXCEPTING a strip of land forty (40) feet in width off of the entire South end of said Lot No. 47.

ALSO all right of way for sewer, gas and electric service across the strip of land Forty (40) feet in width off of the South end of said Lot No. 47, reserved to Lulu M. Kiehl and E. R. Kiehl in the deed from said Lulu M. Kiehl and E. R. Kiehl, her husband, to Irene Harshman, dated April 15, 1922, and recorded in Deed Book 717, page 75, Recorder's Office, Franklin County, Ohio.

Title acquired by deed recorded in Deed Book 1234, page 494, and certificate of transfer recorded in Deed Book 2824, page 346, Recorder's Office, Franklin County, Ohio.

April 7, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

D. Acceptance of Property - 463 King Avenue, Columbus, Ohio (continued)

Mrs. Woelfel has requested that the income from the rental of the property or the proceeds from the sale of the property be used by the University to support cancer research in the College of Veterinary Medicine and that the gift be accepted in memory of her husband, Norman W. Woelfel. Mrs. Woelfel has given written permission to sell the property. If sold, the proceeds are to be placed in the permanent endowment fund, in memory of her husband, and the annual income is to be used for cancer research in the College of Veterinary Medicine.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the Board of Trustees approved the acceptance of the property located at 463 King Avenue, by unanimous voice vote.

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V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. Medical Basic Science Building

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$8,678,370.00	\$8,903,937.63	\$225,567.63

Due to changes in the original plans to include construction of an underground tunnel connection for the Medical Center area, interior program changes were necessary to meet necessary requirements. These changes included the extension of a stairwell and elevator to the tunnel level. Deviations in the program required revisions in the projection booth and television studios and their environmental controls.

Funds for these changes have been provided by Budget Account 801115, Item 315-043, HB 202, HB 886, and HB 828.

B. University Hospital - Remodel Intensive Care - Recovery Rooms

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$ 229,662.00	\$ 238,799.00	\$ 9,137.00

April 7, 1972 meeting, Board of Trustees

V. EXTRA AND CREDIT ORDERS TO CONTRACTS (continued)

B. University Hospital - Remodel Intensive Care - Recovery Rooms (continued)

Extensive revisions to ceilings, walls and soffits were made necessary by existing building conditions revealed during demolition and to facilitate, coordinate, and accommodate the resultant changes.

Funds for these changes have been provided by Budget Account 801150.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the above extra and credit orders to contracts and expenditures of funds were approved and the action of the Vice President for Administrative Operations was ratified by unanimous roll call vote.

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VI. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. Completion of Third Floor - Center for Tomorrow

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(2 bids received 3-20-72)		
Cap-Tar Construction, Inc. (Columbus)		
Base bid	<u>\$ 64,985.00</u>	<u>\$ 67,000.00</u>
<u>Plumbing Contract</u>		
(5 bids received 3-8-72)		
Bruner Corporation (Columbus)		
Base bid	<u>\$ 11,167.00</u>	<u>\$ 17,500.00</u>
<u>Heating, Ventilating, and</u>		
<u>Air Conditioning Contract</u>		
(5 bids received 3-20-72)		
Air-Control Mechanical Contractors		
(New Albany, Ohio)		
Base bid	<u>\$ 33,500.00</u>	<u>\$ 36,595.00</u>
Alt. HVAC-2 Additional baseboard		
heaters	<u>+ 1,800.00</u>	<u>+ 2,500.00</u>
Total Contract	<u>\$ 35,300.00</u>	<u>\$ 39,095.00</u>

April 7, 1972 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

A. Completion of Third Floor - Center for Tomorrow (continued)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Electrical Contract</u> (9 bids received 3-8-72)		
Reco Electric Company (Columbus)		
Base bid	\$ 13,238.00	\$ 26,000.00
Alt. E-2 Connection of additional baseboard heaters	+ 1,650.00	+ 1,000.00
Total Contract	\$ 14,888.00	\$ 27,000.00
<u>Total All Contracts</u>	<u>\$126,340.00</u>	<u>\$150,595.00</u>

Funds for this project have been provided from private contributions.

B. Neil Hall Remodeling

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (8 bids received 3-14-72)		
Henry A. Justus (Columbus)		
Base bid	\$112,720.00	\$134,557.00
Alt. G-1 Replacement of metal windows	+ 21,000.00	+ 15,000.00
Total Contract	\$133,720.00	\$149,557.00
<u>Plumbing Contract</u> (3 bids received 3-24-72)		
Julian Speer Company (Columbus)		
Base bid	\$113,400.00	\$133,000.00
<u>Heating, Ventilating, and Air Conditioning Contract</u> (4 bids received 3-14-72)		
Duckworth Plumbing, Inc. (Columbus)		
Base bid	\$112,000.00	\$161,730.00
<u>Electrical Contract</u> (11 bids received 3-14-72)		
Pence Electric Company (Columbus)		
Base bid	\$ 82,548.00	\$125,353.00
<u>Total All Contracts</u>	<u>\$441,668.00</u>	<u>\$569,640.00</u>

Funds for this project have been provided from Budget Account 801258 (Neil Hall Air Conditioning and Improvements).

April 7, 1972 meeting, Board of Trustees

VI. REPORT OF AWARD OF CONTRACTS (continued)

C. Electrical System Repairs 1972--(Brown Hall,  
Hagerty Hall, Page Hall)

	<u>Low Bid</u>	<u>Est. of Cost</u>
Electrical Contract		
(9 bids received 3-28-72)		
Pence Electric Company (Columbus)		
Base bid	\$ 33,807.00	\$ 50,000.00

Funds for this project have been provided from Budget Account 124358  
(Contract Repair).

D. Ohio Stadium--Intramural and Recreational Lighting

	<u>Low Bid</u>	<u>Est. of Cost</u>
Electrical Contract		
(4 bids received 4-4-72)		
Miller-Davis Electric Co. (Columbus)		
Base bid	\$ 17,113.00	\$ 45,000.00

Funds for this project have been provided from Budget Account 801256  
(Ohio Stadium Lighting).

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations ratified by unanimous roll call vote.

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VII. CONTROLLING BOARD REQUEST

Each numbered request shown below accomplishes the following purpose:

- 12 Approves the award of contracts for the General and Heating, Ventilating, Air Conditioning Contracts on the project, "Journalism Building Expansion" notwithstanding the fact that the low bids were over the estimate of cost and the release of \$2,840,000 from Item 315-064, HB 989, to provide funds for construction, equipment, and contingencies to complete the project.

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April 7, 1972 meeting, Board of Trustees

#### VIII. MISCELLANEOUS FROM OFFICE OF ADMINISTRATIVE OPERATIONS

##### A. Mansfield Campus - Lexington-Springmill Road (Easement)

The City of Mansfield has requested permission to widen and improve the Lexington-Springmill Road on lands adjacent to the Mansfield Campus of The Ohio State University, and the City of Mansfield will provide a future entryway from the Lexington-Springmill Road to the Mansfield Campus.

The improvement and the widening to four lanes of the Lexington-Springmill Road between SR 39 and US 30 would permit an improved traffic flow along the west boundary of the Mansfield Campus.

It was recommended that the President and/or Vice President for Administrative Operations be authorized to act on behalf of the University to enter into an agreement between the City of Mansfield and The Ohio State University to permit entry on said lands to commence the improvements and to develop the necessary easements to provide the conveyance of the land required for the widening and improvement to the Lexington-Springmill Road.

Upon motion of Mr. Hilliker, seconded by Mr. Safford, the above recommendation was approved by unanimous roll call vote.

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#### IX. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Paul J. Bogatay, Professor Emeritus in the College of The Arts - Division of Art; Grant Ostrander Graves, Professor and Chairman of the Department of Anatomy; John Harrington Mitchell, Professor in the Department of Medicine; and Eric Ogden, Professor Emeritus in the Department of Physiology. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

##### A. Paul J. Bogatay

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 17, 1972, of Paul J. Bogatay, Professor Emeritus in the College of The Arts - Division of Art.

Professor Bogatay was born in Ava, Ohio, on July 5, 1905. He was graduated from the Cleveland School of Art in 1928.

Professor Bogatay was awarded the Tiffany Foundation Scholarship in the summers of 1928, 1929, and 1930. In 1933, he received a Rockefeller Foundation Research Scholarship in the Department of Fine Arts at The Ohio State University where he served as a Ceramic Designer for numerous potteries in Ohio and the Fostoria Glass Company in West Virginia. He joined The Ohio State University faculty in 1934, and taught courses in design, pottery design, mold-making, and ceramic sculpture.

IX. RESOLUTIONS IN MEMORIAM (continued)

A. Paul J. Bogatay (continued)

Professor Bogatay was the recipient of eight national awards in ceramic sculpture and pottery. He also received fourteen regional and local awards in sculpture and pottery. In 1954, he was awarded the Charles Fergus Binns medal for meritorious contribution and in 1955-1956, he received the Fulbright award for research in Japan.

Professor Bogatay was the author of numerous articles for art periodicals. Three of these were published in The Journal for the American Ceramic Society. As a member and chairman of this society, he contributed to the broadening of interest of the group and its concept of social responsibility.

Professor Bogatay's major contribution has been as an exhibitor of pottery and ceramic sculpture. His work has been exhibited in the United States, Canada, Norway, Sweden, Denmark, England, and Japan. His work is represented in numerous public and private collections.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

B. Grant Ostrander Graves, M. D.

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 7, 1972, of Grant Ostrander Graves, M. D., Professor and Chairman of the Department of Anatomy.

Dr. Graves was born in Columbus, Ohio, on January 21, 1905, the son of Harry D. and Kathleen Ostrander Graves. He received his elementary and secondary education in the public schools of Columbus. He earned his Bachelor of Arts degree from The Ohio State University in 1926. The following year he served as a Field Executive with the Boy Scouts of America. He returned to The Ohio State University in 1927 to complete the prerequisites for admission to Medical College and to pursue a graduate degree in Anatomy. He received his Master of Arts degree in Anatomy in 1929 and his Doctor of Medicine degree in 1932, both from The Ohio State University. Following a year's internship at Duke University, Dr. Graves returned as a resident in medicine. He was appointed Instructor in Human Anatomy in 1935 and served in this capacity until 1937 when he was promoted to Assistant Professor. In 1940, while teaching in the Department of Anatomy, he established a private practice of internal medicine and married his former student, Dr. Helen M. Pierson. He became Associate Professor of Anatomy in 1944 and in 1948 received joint appointments as Assistant Professor in both the Departments of Medicine and Radiology. He continued to serve in these departments, as well as in Anatomy throughout his life. He was promoted to Professor of Anatomy in 1959 and when the Chairmanship of that Department was vacated in 1961, he was asked to serve as Acting Chairman. He was appointed Chairman of the Department of Anatomy in 1962.

April 7, 1972 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

B. Grant Ostrander Graves, M.D. (continued)

Dr. Graves received many honors. He was a member of several professional organizations and served on numerous College and University Committees. He was a Diplomat of the American Board of Internal Medicine and a life member of the American College of Physicians. He was selected Man of the Year by the Medical School Class of 1949. He was elected President of the Columbus Academy of Medicine in 1952, the Medical College Alumni Association in 1966, and the Midwest Anatomists Association in 1968. He was a member of the American Association of Anatomists and A.O.A. The most notable of the College Committees on which he served were the Executive and Curriculum Committees. While on the Curriculum Committee and as its chairman, he was instrumental in the design and implementation of the three-year curriculum which began in July of 1970. He served as a member of the University Faculty Council, the Faculty Advisory Committee to the President and the Board of Trustees, and the Presidential Search Committee.

Dr. Graves was a man of vision and accomplishment. He published many papers. He authored three books. He led an active, well-organized department. He was an excellent teacher. He initiated the establishment of the Department of Medical Education. His innovation of two tracts for the study of gross anatomy led to the development of the present Pilot Medical School Program. He encouraged the creative use of multi-media in the teaching of anatomy. He was on the faculty of the Creative Problem Solving Institute. He practiced medicine. He was a climber of mountains, a gardener and groundskeeper, and a better than average photographer. He was a devoted husband and father.

Never blinded by the desires of personal recognition and dedicated to the improvement of medical education, Dr. Graves would have considered an emotion laden tribute an affront to his pride. Two quotations best characterize him. The first, from the Canterbury Tales, serves as the caption for his picture as Man of the Year--"And gladly wolde he lerne and gladly teche." The second may well be his own--"Never shall I forget that to the State of Ohio I owe my education. I hope I may be able to honor such a trust."

On behalf of The Ohio State University, the Board of Trustees expresses its deep sympathy and understanding to the family. It was directed that a copy of this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be forwarded to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

C. John Harrington Mitchell, M.D.

The Board of Trustees of The Ohio State University expresses its sorrow at the death on February 11, 1972, of John Harrington Mitchell, M.D., Professor in the Department of Medicine.

April 7, 1972 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

C. John Harrington Mitchell, M.D. (continued)

John Harrington Mitchell, was born January 14, 1904, in Columbus, Ohio. He was graduated from The Ohio State University with B.A. and M.D. degrees. Following an internship at Grant Hospital in Columbus he was appointed Resident in Medicine at the St. Francis Hospital in 1929. Upon completion of this service, he was made Resident in Pathology at White Cross Hospital and Instructor in Pathology at The Ohio State University from 1930 to 1933. It was during this period that he had the misfortune of sustaining an infection at the autopsy table that resulted in the loss of part of an upper extremity. This did not deter him from returning to an active medical life. In 1935 he began the practice of Allergy after receiving training at the Asthma and Hay Fever Clinic in Cleveland during 1934. He established the Division of Allergy at The Ohio State University.

In 1957 Dr. Mitchell became deeply interested in Psychiatry and spent two years at the Columbus State Hospital followed by another year at the Columbus Psychiatric Institute which is now known as Upham Hall, the Department of Psychiatry of the College of Medicine of The Ohio State University.

In 1961 Dr. Mitchell became associated with Dr. Damon Wetterauer in the private practice of Psychiatry and Allergy. Prior to this he had been associated with his brother Dr. William F. Mitchell from 1938 to 1955 with whom he shared offices in the practice of Allergy. He was the author of more than 16 publications in the field of his interest. In 1947 with his brother William he published a paper on "Personality Factors in Allergic Disorders." He was co-author of a movie entitled "Skin Sensitizing Antibodies" which was produced in color and sound in March of 1963.

While on a Medical Tour in Africa sponsored by the Ohio State Medical Association he was strolling with Doctors George Harding and Robin Obetz in Fez Morocco when he was seized with an attack identified as a coronary thrombosis. He was promptly admitted to the local 800 bed hospital and given expert care. He seemed to be doing well when suddenly 36 hours later he sustained a massive infarction and expired.

Dr. Mitchell was a member of the Central Ohio Psychiatric Association, a Fellow of the American College of Physicians, a Fellow of the American College of Allergists, a Fellow of the American Academy of Allergy; and he was a past president of the American College of Allergy.

On behalf of The Ohio State University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

April 7, 1972 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

D. Eric Ogden, M.D.

The Board of Trustees of The Ohio State University expresses its sorrow at the death on January 30, 1972, of Eric Ogden, Professor Emeritus in the Department of Physiology.

Dr. Ogden was born January 26, 1903, and received his education in London, England, obtaining the M.B. degree from the University of London in 1922. He also studied in Grenoble, France, and had the honor of a Sharpey Fellowship in London, 1925-29.

After serving on the Faculty of University College, London, Dr. Ogden came to the University of California in Berkeley in 1929 as Assistant Professor of Physiology. Later he became Associate Professor of Physiology at the San Francisco campus, with responsibility for medical, dental, pharmacy, and nursing students.

In 1943 Dr. Ogden became Professor of Physiology and Chairman of the Department at the University of Texas Medical Branch, Galveston. Here he developed an outstanding laboratory, and with Mrs. Ogden, took an active part in the cultural life of the city. In 1949 he was appointed Research Professor of Cardiology; Professor of Physiology and Chairman of the Department of Physiology at The Ohio State University. His studies on the functioning of the circulatory and respiratory systems were well recognized, and he was an authority on hypertension. He was a consultant to various health agencies, and his clinical skill brought him appointments to the staffs of several hospitals. He helped found the American Association for High Blood Pressure, and he was Visiting Professor for the Commonwealth Fund. His work was recognized by a special citation by the American Heart Association.

In 1963 Dr. Ogden returned to California, becoming Chief of the Environmental Biology Division at Ames Research Center, NASA, at Moffet Field, and Lecturer in Aerospace Medicine at Stanford Medical Center. He was a member of the Royal College of Surgeons, London; the Physiological Society; the American Heart Association; the New York, California, and Texas Academies of Science, and the Aerospace Medical Association.

On behalf of The Ohio State University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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April 7, 1972 meeting, Board of Trustees

X. REPORT

A. Report on the University's Investment Portfolio

The report dated April 7, 1972, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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MR. SHOCKNESSY'S EXPRESSION OF THANKS

Mr. Shocknessy made the following statement:

I personally want to thank the President, the members of the Board, the Search Committee, and everybody who gave me help and support in the past year. It has not been easy for any of us; the road has been rather long, rather tortuous, and sometimes agonizing. I always felt that I was well supported by the administration and the Board. I want to add my personal expressions to the administration, especially to the President, to the Board, and to the Search Committee. And now, in conclusion, I want to say that I have spoken to Vice President Smith and he will arrange for a Press Conference.

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Thereupon the Board adjourned to meet Friday, May 5, 1972, at The Ohio State University, Columbus, Ohio, at 1:30 p.m.

Attest:

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Edward Q. Moulton  
Secretary

\_\_\_\_\_  
James W. Shocknessy  
Chairman

APPENDIX VIII

Revision of Rules 29.2715 and 29.2729  
of Rules for the University Faculty

Approved by Faculty Council  
March 15, 1972

Adopted by Board of Trustees April 7, 1972  
(See page 512)

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Revision of Rules 29.2715 and 29.2729 of Rules for the University Faculty

The Faculty Council on March 15, 1972, approved changes in Rule 29.2715 and Rule 29.2729 of Rules for the University Faculty. The revised text is as follows:

29.2715. Council on Admissions and Registrations.

Section 1. The Council on Admissions and Registrations shall consist of seventeen members chosen as follows:

- a. Appointed members. Nine members of the University Faculty shall be appointed by the President for three-year terms, three members to be appointed each year. Appointed members shall be eligible for reappointment.
- b. Ex officio members. The persons holding the following three titles shall be ex officio members: Provost and Vice President for Academic Affairs or his designee (who shall serve as Chairman of the Council); Vice President for Administrative Operations or his designee (who shall serve as Secretary of the Council); and the Executive Director of University Planning.
- c. Student members. There shall be five student members including three undergraduate students to be appointed by the president of the Undergraduate Student Government with the consent of the Student Assembly, one graduate student to be appointed by the president of the Council of Graduate Students with the consent of the Council of Graduate Students executive committee, and one professional student to be appointed by the president of the Interprofessional Council with the consent of the Interprofessional Council. Student members shall serve for a one-year term and shall be eligible for reappointment.

Section 2. It shall be the responsibility of this Council to recommend, through appropriate University channels, administrative policies governing admission to the University, student registration, and student scheduling. These recommendations shall be made to the appropriate administrative officer (or officers<sup>1</sup>) or to the Faculty Council, depending upon the nature of the recommendation.

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29.2729. Committee on Academic Freedom and Responsibility.

Section 1. The Committee on Academic Freedom and Responsibility shall consist of five elected Faculty members of the Faculty Council and two graduate Teaching, Research, or Administrative Associates. They shall be elected by the Faculty Council for two-year terms. The Council of Graduate Students shall nominate four such graduate Teaching Associates from whom the Faculty Council will elect two members to the Committee on Academic Freedom and Responsibility. Vacancies on the Committee shall be filled through election by the Faculty Council with nominations being made from the floor.

29.2729. Committee on Academic Freedom and Responsibility. (continued)

Section 2. The Committee shall have the following responsibilities:

- a. To study all conditions which, in the judgment of the Committee, may affect the academic freedom or responsibility of the faculty of the University, and to report at least once a year thereon, with recommendations when appropriate, to the Faculty Council.
- b. To hear and investigate complaints by individual faculty members concerning alleged infringements upon academic freedom or responsibility in the University; to report findings and recommendations to the parties involved with the hope of mediating a dispute; to report to the Faculty Council if further action by the Council is appropriate; and, if necessary, to recommend to the Faculty Council that charges under Rule 21.07 be initiated against the individual alleged to have violated the academic freedom of a member of the faculty or against the individual alleged to have abrogated his responsibilities to the University. (B/T 6/12/69)

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND SEVENTY-SIXTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, May 5, 1972

The Board of Trustees met at its regular monthly meeting on Friday, May 5, 1972, at The Ohio State University Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: James W. Shocknessy, Chairman, John H. Dunlap, Frederick R. Eckley, M. Merle Harrod, Robert S. Dorsey, and Howard D. Sirak.

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Minutes of the last meeting were approved.

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May 5, 1972 meeting, Board of Trustees

#### ELECTION OF OFFICERS

Mr. Shocknessy made the following statement and nominated the slate of officers for 1972-73:

It has been a tradition of the Board of Trustees of this University that the Chairmanship rotate and every member serves as Chairman during his last year on the Board. I served this term out of rotation. My rotation would not have occurred until next year but Mr. Dorsey had only come on the Board a short while before he would have been required to take over on the basis of the traditional rotation. And, accordingly, he asked me (he was supported by the other members on the Board) to serve this year. It has been my pleasure to serve in Mr. Dorsey's stead, and I trust that Mr. Dorsey has been satisfied with my performance. I consider that Mr. Dorsey was the first one whom I had to satisfy because I was substituting for him. I consider that the principal is always the one first to be satisfied by the substitute. So during this year, Mr. Dorsey, I have substituted as Chairman of this Board for you, and I only hope that in due course you will yourself serve as Chairman.

I don't know that there is anything else I need to say except that on the basis of the rotation the Chairmanship would go to Mr. Eckley and, accordingly, it will be my esteemed privilege and high honor to nominate for Chairman of this Board Mr. Frederick R. Eckley, a distinguished citizen, a distinguished member of the University community, a distinguished member of the economic community of this nation, and a man who is entitled to congratulations for having recently been named the 'Man of the Year' by The Ohio State University Alumni Association of Cleveland. I think it is fortuitous that the new Chairman is from Cleveland where the new President, who will be there for another few months, will have ready access to the Chairman of the Board as it has been my good fortune to have ready access to the President of the University, Novice Fawcett.

And, accordingly, I nominate Mr. Frederick R. Eckley for Chairman of our Board; for Vice Chairman I will nominate Mr. John H. Dunlap, a member of our Board who has served us nobly and has served this University nobly; for Secretary I will nominate Dr. Edward Q. Moulton; and for Treasurer, Mr. Ernest W. Leggett.

There were no other nominations. Mr. Harrod seconded the motion. Motion was passed with a majority of a quorum voting in favor of the motion, Messrs. Eckley and Dunlap abstained.

Mr. Dorsey said:

I would just like to say that I fully approved of your performance, Mr. Shocknessy, in my behalf and I consider you a very adequate substitute.

Mr. Shocknessy said:

Remember that I also said that I hope you will yourself serve in due course on rotation as the Chairman of this Board.

May 5, 1972 meeting, Board of Trustees

Mr. Shocknessy's statement (continued)

So I've enjoyed my year as Chairman of the Board and as I said before, I believe that one of the most important matters that is ever to come before a Board came before this one during the year. I feel that the Board handsomely fulfilled its responsibility in choosing a President. I believe the Board acquitted itself very well and I only offer as proof, but I do offer it as proof, the acceptance of the Board's work in naming a new President--the acceptance which the journalistic community of this state has given and which everyone of us has felt, and the appointment of Dr. Enarson has been practically acclaimed every place any of us has been. I have yet to receive a letter objecting to the appointment and I have had loads approving it. So in conclusion I'll say that I expect to remain on this Board as a member and to support the new Chairman with every ounce of energy that I have as long as I'm on the Board. I won't promise that I'll stay for the total of my term as it remains. I've served seven rugged years but I'll still stay as a member of this Board at least, God willing, for the remainder of President Fawcett's tenure and if I choose to retire from this Board after that I will give ample notice to the Governor and to the Chairman and members of the Board. So I don't think I have anything further to say except thank you to everybody, not merely to the members of the Board but to the President and to the Secretary and to the whole administration for the support that I received as Chairman and for the association which I have enjoyed in the seven years I have been a member of the Board.

President Fawcett paid Mr. Shocknessy the following tribute:

Mr. Chairman and Members of the Board: There is not an adequate way to express appropriately this University's appreciation for the services of any Board member, and particularly for the services of the Chairman who by virtue of that role must be more knowledgeable of many problems than other members of the Board in order to fulfill his duties in conformity with the law. Consequently, since this is a kind of graduation in one sense of the word for a Chairman, we have taken it upon ourselves without seeking any consultation or action by members of the Board to develop what I guess I could describe as a diploma marking the completion of your service as Chairman and in recognition of the great support you rendered to this institution. I want to share with all members of the Board and all others present this diploma. (See page 544 for text.)

Mr. Shocknessy responded to President Fawcett's tribute for his service:

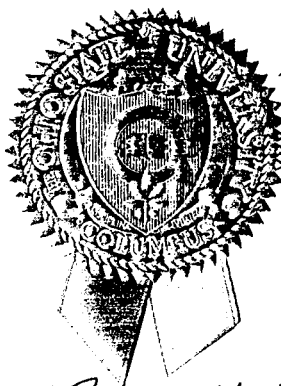
This is just one more bit of kindness that I've had from you and one more bit of recognition that I've had from this Board and this University, which I've said before I acquired by its adoption of me. Unlike other members of this Board I wasn't nurtured by this University as a loving mother but this University has been very kind to me and as an adopted son of the University I feel as close as a natural son as often happens with adopted children.

The Board of Trustees recessed following President Fawcett's presentation and the Board of Control was convened.

# The Ohio State University

In recognition of outstanding service as Chairman of the Board of Trustees of The Ohio State University during one of the most significant years in the University's history and as a distinguished and dedicated servant to this University's educational heritage, the Board of Trustees, administration, faculty, staff, and students convey deep appreciation to

**James White Shocknessy**



In grateful acknowledgement this certificate is presented at The Ohio State University on the fifth day of May in the year of our Lord nineteen hundred seventy-two and of the University the one hundred and third.

*Novice H. Lawitt*  
PRESIDENT OF THE UNIVERSITY

*Edward J. Moulton*  
SECRETARY OF THE BOARD OF TRUSTEES

May 5, 1972 meeting, Board of Trustees

The Board of Trustees reconvened following the recess.

REPORT BY CHAIRMAN

A. Concerned Farmers of Carroll County

Mr. Shocknessy reported as follows:

We've all received a request from 'concerned farmers of Carroll County' about a matter in that County with respect to an Extension Agent and we received a letter also from the Board of County Commissioners of that County. Not having been able up to this time to look into the matter fully, if it is agreeable with the Board, I would ask the President to look into the matter of the inquiry which was in the letter and to advise the Board at his earliest convenience and the Secretary can advise the Commissioners and the concerned farmers that we have adverted to the matter and that we shall consider it further and they will either hear from us or from the President or from the Secretary in our behalf.

B. The Ohio State University Monthly

Mr. Shocknessy made the following statement:

I want to be sure that the minutes indicate that this Board congratulated the incoming Chairman on his being named 'Man of the Year' by the Alumni in Cleveland. I also want once again to congratulate The Ohio State Monthly. Dr. Mall and Mr. Tate have been assiduous in keeping the Alumni Association and those who receive the Monthly fully advised of the search for the President and in the latest issue which it was my pleasure to read yesterday and the day before, the matter was nicely rounded out and I've already called Mr. Tate and told him that I was very pleased with the way the matter had been rounded out by the Monthly and I'm sure the Association benefits by it. I used the February issue as an authority many times. In fact there is a distinguished journalist in this room whom I won't mention by name to whose attention I directed that Monthly a couple of months ago when he asked me for information. I said there is no better place to go than to the February issue of the Monthly because that brought it up to date. So the last time I'm in this Chair on this term I want again to say that the Monthly has supported the Board and the University very competently during this period.

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May 5, 1972 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATION

A. Revision of Rules 31.0701, 31.0703, 31.0705, and 35.07 of Rules for the University Faculty

The Faculty Council on April 11, 1972, approved changes in Rules 31.0701, 31.0703, 31.0705, and 35.07 of Rules for the University Faculty. (See Appendix IX, page 575.)

1. Section c of Rules 31.0701 and 31.0703 is revoked in each Rule to delete the University graduation requirement of health education.
2. The words "Health Education" in Section 2 of Rule 31.0705 are deleted to conform with the deletion of this requirement in Rules 31.0701 and 31.0703.
3. In Rule 35.07 the word "Hygiene" is deleted in the marks "T" and "X". The words "Health Education" are deleted in (a) of the "PA/NP - Pass/Non-Pass" mark.

President Fawcett recommended that the action of the Faculty Council be approved.

B. Change Name of Department of Industrial Engineering to Department of Industrial and Systems Engineering

Upon the recommendation of the Council on Academic Affairs, the Faculty Council on April 11, 1972, approved the change of name of the Department of Industrial Engineering to Department of Industrial and Systems Engineering.

This new undergraduate program has been developed as a result of numerous consultations with students and faculty to enable students to pursue a broader range of professional objectives. Four specific programs in addition to the existing basic industrial engineering curriculum are available within this new program--manufacturing systems engineering, man-machine systems engineering, management systems engineering, and operations research. The proposed modification in the departmental name reflects more accurately the current terminology for the programs of instruction and research presently being conducted in the Department.

President Fawcett recommended that the name change as approved by the Faculty Council be adopted, effective Summer Quarter 1972.

Upon motion of Mr. Dorsey, seconded by Mr. Dunlap, the Board of Trustees approved the foregoing recommendations by unanimous voice vote, and the Secretary of the Board was further instructed and given authority to make the changes as specified above in the next printing of the Rules for the University Faculty.



I. GENERAL RECOMMENDATIONS (continued)

C. Honorary Degrees

The Faculty Council on April 11, 1972, approved awarding honorary degrees to the following recipients:

J. Englebert Dunphy	Doctor of Science
Joseph Howard Koffolt	Doctor of Science
Alan Gregory Loofbourrow	Doctor of Science
Mohinder Singh Randhawa	Doctor of Letters

Pursuant to Rule 29.15, President Fawcett recommended that the honorary degrees, as specified, be conferred at an appropriate future Commencement agreeable to the University and the recipients.

It was recommended further under Section 3, Rule 11.05, and after consultation with the Faculty Advisory Committee to the President and the Board that the Doctor of Laws be conferred on Armin H. Meyer, recent United States Ambassador to Japan, at the June 9, 1972 Commencement.

Upon motion of Dr. Sirak, seconded by Mr. Harrod, the Board of Trustees approved the foregoing recommendations by unanimous voice vote.

D. Revision of Rule 43.11 of Rules for the University Faculty

In enacting the appropriation in support of higher education (Amended Substitute House Bill 475), the 109th General Assembly incorporated within this action specific restrictions on the authority of state universities in granting instructional and general fee waivers. The text of H. B. 475 pertaining to fee waivers is as follows:

After June 15, 1972, the board of trustees or the board of directors of a state-assisted institution of higher education shall not authorize a waiver or nonpayment of instructional fees or of general fees for any particular student or any class of students other than waivers specifically authorized by law. This prohibition is not intended to limit the authority of boards of trustees or of boards of directors to provide for payments to students for service rendered the institution nor to prohibit the budgeting of income for staff benefits or for student assistance in the form of payment of such instructional and general fees.

In order that this University may be in full compliance with this legislation, it is necessary that substantial modification of the existing University regulations and procedures be authorized by the Board.

I. GENERAL RECOMMENDATIONS (continued)

D. Revision of Rule 43.11 of Rules for the University Faculty (continued)

To effect these changes, it was recommended that Rule 43.11 be revised to provide for these modifications (see Appendix X, page 579). This revised rule basically eliminates the concept of fee waivers, defines the specific categories for which fee payments may be authorized, and establishes a charge back system to the departments and programs which authorize such payments.

Upon motion of Mr. Harrod, seconded by Mr. Eckley, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

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II. PERSONNEL CHANGES

Personnel changes since the April 7, 1972 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Promotions, Appointment, Leaves of Absence With Salary, Leaves of Absence Without Salary, and Emeritus Titles:

A. Promotions

Kenneth W. Reisch from Professor in the Department of Horticulture to Associate Dean of the College of Agriculture and Home Economics, effective September 1, 1972, at a salary of \$23,808.00 per annum. He will continue to hold an academic appointment as Professor in the Department of Horticulture.

Charles E. Corbato from Professor in the Department of Geology to Professor in and Chairman of the Department of Geology and Mineralogy, effective July 1, 1972, at a salary of \$24,288.00 per annum.

Philip W. Murdick from Professor in the Department of Veterinary Clinical Sciences to Professor in and Chairman of the Department of Veterinary Clinical Sciences, effective immediately, at a salary of \$25,728.00 per annum.

William E. Nelson from Acting Chairman of the Black Studies Division (part time - 60 percent) and Assistant Professor in the Department of Political Science (part time - 40 percent), to Chairman of the Black Studies Division (part time - 60 percent) and Associate Professor in the Department of Political Science (part time - 40 percent), effective July 1, 1972, at a salary of \$21,048.00 per annum.

May 5, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Appointment

David S. Bloomfield, Chief Hearing Officer, effective immediately.

C. Leaves of Absence With Salary

In accordance with the policy approved by the Board of Trustees on April 12, 1954, the following-named persons were recommended for Leaves of Absence With Salary from the Cooperative Extension Service for the period indicated:

Kaye F. Bartlett, Instructor (Area Extension Agent, Community Resources Development) Washington C. H. Area Center, effective April 1, 1972 through May 31, 1972, to participate in a program of professional improvement at The Ohio State University.

Howard M. Bennington, Instructor (County Extension Agent, Agriculture) Harrison County, effective April 1, 1972 through June 15, 1972, to participate in a program of professional improvement at Ohio University.

Joseph P. Brown, Instructor (County Extension Agent, Agriculture) Knox County, effective April 1, 1972 through June 15, 1972, to participate in a program of professional improvement at The Ohio State University.

Robert H. Groves, Instructor (Area Extension Agent, 4-H) McConnelsville Area Center, effective April 1, 1972 through June 15, 1972, to participate in a program of professional improvement at The Ohio State University.

John D. Rohrer, Instructor (Area Extension Agent, Community Resource Development) Canfield Area Center, effective March 16, 1972 through June 15, 1972, to participate in a program of professional improvement at The Ohio State University.

D. Leaves of Absence Without Salary

John B. Hough, Professor, College of Education, effective April 1, 1972 through June 30, 1972, for advanced study.

Arthur W. Leissa, Professor, Department of Engineering Mechanics, effective October 1, 1972 through September 30, 1973, to accept a Visiting Professorship, at Eidgenossische Technische Hochschule, Zurich, Switzerland.

May 5, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

D. Leaves of Absence Without Salary (continued)

Raphael D. Levine, Professor, Department of Chemistry, effective January 1, 1972 through March 31, 1972, to serve as a Visiting Professor at Hebrew University in Jerusalem.

Donald R. Washington, Professor, Department of Civil Engineering, effective July 1, 1972 through June 30, 1973, to continue as Director, Field Service Office for Puerto Rico and the U. S. Virgin Islands for the Environmental Protection Agency.

Harold A. Hovey, Associate Professor, College of Administrative Science - Public Administration, and Department of Economics, effective October 1, 1972 through September 30, 1973, to continue as Director of Finance, State of Ohio.

Guido Mislin, Associate Professor, Department of Mathematics, effective October 1, 1972 through June 30, 1973, to spend a year at the ETH in Zurich, Switzerland.

Jacob W. Old, Associate Professor, Department of Pathology, effective July 1, 1972 through June 30, 1973, for personal reasons.

Fredos Papangelou, Associate Professor, Department of Mathematics, effective October 1, 1972 through September 30, 1973, to continue teaching at the University of Gottingen, Gottingen, Germany.

John C. Weicher, Associate Professor, Department of Economics, effective October 1, 1972 through September 30, 1973, to serve as staff economist with the Office of Economic Opportunity in Washington, D. C.

Joseph K. Davidson, Assistant Professor, Department of Mechanical Engineering, effective October 1, 1972 through September 30, 1973, to spend a year working in industry to enhance his background for teaching.

Richard D. Porter, Assistant Professor, Department of Economics, effective October 1, 1972 through September 30, 1973, to continue his position with the Board of Governors of Federal Reserve Bank, Washington, D. C.

Shashikala A. Gogate, Instructor, Department of Pathology, effective February 1, 1972 through February 13, 1972, for personal reasons.

May 5, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. Emeritus Titles

Leonard Bayer, Department of Agronomy, with the title Professor Emeritus, effective July 1, 1972.

Katharine A. Brownell, Department of Physiology, with the title Professor Emeritus, effective July 1, 1972.

Donald P. Cottrell, College of Education, with the title Professor Emeritus, effective September 1, 1972.

Sydney N. Fisher, Department of History, with the title Professor Emeritus, effective September 1, 1972.

Dale V. Gilliland, School of Music, with the title Professor Emeritus, effective July 1, 1972.

Harold J. Grimm, Department of History, with the title Professor Emeritus, effective July 1, 1972.

Preston M. Harris, Department of Chemistry, with the title Professor Emeritus, effective July 1, 1972.

Franklin H. Knowler, Department of Speech Communication, with the title Professor Emeritus, effective September 1, 1972.

Fred R. Schlessinger, College of Education, with the title Professor Emeritus, effective July 1, 1972.

Oskar Seidlin, Department of German, with the title Professor Emeritus, effective July 1, 1972.

Laurence N. Connor, Department of English, with the title Instructor Emeritus, effective July 1, 1972.

Alice D. Edwards, Department of English, with the title Instructor Emeritus, effective July 1, 1972.

President Fawcett recommended that the Promotions, Appointment, Leaves of Absence With Salary, Leaves of Absence Without Salary, Emeritus Titles, and personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Dunlap, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

May 5, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

S U M M A R Y

(March 18, 1972 - April 12, 1972)

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	11	\$ 339,676.00
Industrial and Other Research	5	41,159.00
<u>Grants</u>		
Government Research - Federal	22	715,640.00
Industrial and Other Research	<u>1</u>	<u>12,760.00</u>
Totals	39	\$1,109,235.00

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by the Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Eckley, seconded by Mr. Harrod, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

May 5, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Hazards of Experimental Leukemia Research (to be known as Project No. 2049 - Mod. #13 - Department of Veterinary Pathology).  
Gross Value - \$26,210.00.
- b. Department of Navy, Office of Naval Research, Arlington, Virginia, Alloy Corrosion (to be known as Project No. 3003-A1 - Mod. #3 - Department of Metallurgical Engineering).  
Gross Value - \$32,000.00.
- c. Department of Air Force, Air Force Systems Command, Rome Air Development Center, Griffiss Air Force Base, New York, Laser Absorption Studies in the 5 Micron Band (to be known as Project No. 3271-A1 - Mod. #P00002 - Department of Electrical Engineering).  
Gross Value - \$65,000.00.
- d. Department of Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Advanced Radar Reflector Studies (to be known as Project No. 3401-A1 - New - Department of Electrical Engineering).  
Gross Value - \$40,000.00.
- e. Department of Army, Office of the Secretary of the Army, Office of Civil Defense, Washington, D. C., Regional Procurement Training (to be known as Project No. 3414-A1 - New - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$3,480.00.
- f. Department of Air Force, Air Force Systems Command, Wright-Patterson Air Force Base, Ohio, Stress Corrosion Cracking of Titanium and Titanium Base Alloys and Aqueous and Gaseous Media (to be known as Project No. 3418-A1 - New - Department of Metallurgical Engineering).  
Gross Value - \$46,000.00.
- g. Department of Air Force, Air Force Systems Command, Electronic Systems Division, Laurence G. Hanscom Field, Bedford, Massachusetts, Investigation of the Multifrequency Radar Reflectivity of Radar Targets for Improved Target Identification (to be known as Project No. 3424-A1 - New - Department of Electrical Engineering).  
Gross Value - \$30,000.00.

May 5, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal (continued)

- h. Department of Navy, Office of Naval Research, Arlington, Virginia, Combinatorial Systems (to be known as Project No. 3430-A1 - New - Department of Mathematics'.  
Gross Value - \$54,000.00.
- i. Department of Health, Education and Welfare, Office of the Secretary, Washington, D. C., Plan and Arrange a National Conference on the Legal Rights of the Mentally Retarded (to be known as Project No. 3431-A1 - New - College of Law).  
Gross Value - \$8,990.00.
- j. Department of Navy, Naval Air Systems Command, Washington, D. C., Adaptive Arrays: AJ Protection in Advanced Communications System (to be known as Project No. 3433-A1 - New - Department of Electrical Engineering).  
Gross Value - \$24,996.00.
- k. Department of Interior, National Park Service, Northeast Region Office, Philadelphia, Pennsylvania, National Landmark Evaluation Reports (to be known as Project No. 3437-A1 - New - Department of Zoology).  
Gross Value - \$9,000.00.

TOTAL - Government Contracts - Federal \$339,676.00

2. Industrial and Other Research Contracts

- a. Research for Better Schools, Inc., Philadelphia, Pennsylvania, Analysis and Conceptualization of Instructional Module in Proposal Development - Analysis (to be known as Project No. 3372-B1 - New - College of Education).  
Gross Value - \$6,585.00.
- b. Research for Better Schools, Inc., Philadelphia, Pennsylvania, Analysis and Conceptualization of Instructional Module in Proposal Development - Design (to be known as Project No. 3372-C1 - New - College of Education).  
Gross Value - \$5,017.00.
- c. Research for Better Schools, Inc., Philadelphia, Pennsylvania, Analysis and Conceptualization of Instructional Module in Proposal Development - Construction I (to be known as Project No. 3372-D1 - New - College of Education).  
Gross Value - \$9,850.00.



May 5, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

2. Industrial and Other Research Contracts (continued)

- d. Research for Better Schools, Inc., Philadelphia, Pennsylvania, Analysis and Conceptualization of Instructional Module in Proposal Development - Construction II (to be known as Project No. 3372-E1 - New - College of Education).  
Gross Value - \$9,850.00.
- e. Abbott Laboratories, Ross Laboratories Division, Columbus, Ohio, The Effects of an Antihistamine - Decongestant Preparation on the Manifestations of Allergic Rhinitis (to be known as Project No. 3400-A1 - New - Department of Preventive Medicine).  
Gross Value - \$9,857.00.

TOTAL - Industrial and Other Research Contracts \$41,159.00

3. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, General Clinical Research Center - 12 Beds (to be known as Project No. 1196-3L - Revised Award Dtd. 3/20/72 - Department of Medicine).  
Gross Value - \$12,776.00.
- b. Environmental Protection Agency, Office of Air Programs, Washington, D. C., Mechanisms of Photochemically Initiated Oxidation (to be known as Project No. 1220-K - Sup. #1 - Department of Chemistry).  
Gross Value - \$10,013.00.
- c. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Synthesis of Carcinogenic Compounds (to be known as Project No. 1809-G - Ext. #8 - Department of Chemistry).  
Gross Value - \$16,765.00.
- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Synthesis of Biologically Important Carbohydrates (to be known as Project No. 1820-H - Ext. #8 - Department of Chemistry).  
Gross Value - \$60,950.00.
- e. National Science Foundation, Washington, D. C., Nuclear Physics Research with a 5.5 MeV Van de Graaff Accelerator (to be known as Project No. 2759 - NSF Ltr. Dtd. 3/31/72 - Department of Physics).  
Gross Value - \$100,000.00.

May 5, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- f. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of General Medical Sciences, Bethesda, Maryland, Development of New Assays for Enzymes and Inhibitors (to be known as Project No. 2791-C - Ext. #3 - College of Pharmacy).  
Gross Value - \$23,776.00.
- g. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Yaba Virus Oncogenesis Immunologic and Viral Factors (to be known as Project No. 2899-B - Ext. #2 - Department of Veterinary Pathology).  
Gross Value - \$39,531.00.
- h. National Science Foundation, Washington, D. C., Finite Group Theory (to be known as Project No. 3018-A1 - Amend. #1 - Department of Mathematics).  
Gross Value - \$15,000.00.
- i. Environmental Protection Agency, Water Quality Office, Washington, D. C., Toxicity of Selected Metals to Conditioned Fish (to be known as Project No. 3065-A2 - Grant Dtd. 8/12/71 - Department of Preventive Medicine).  
Gross Value - \$61,894.00.
- j. Environmental Protection Agency, Water Quality Office, Washington, D. C., Toxicity of Selected Metals to Conditioned Fish (to be known as Project No. 3065-A1 - Sup. #1 - Department of Preventive Medicine).  
Gross Value - \$1,359.00.
- k. National Science Foundation, Washington, D. C., Metal Complexes of Linear and Macrocyclic Tetradentate Ligands (to be known as Project No. 3225-A1 - NSF Ltr. Dtd. 3/31/72 - Department of Chemistry).  
Gross Value - \$41,500.00.
- l. National Science Foundation, Washington, D. C., Class Groups of Global Fields (to be known as Project No. 3227-A1 - NSF Ltr. Dtd. 3/31/72 - Department of Mathematics).  
Gross Value - \$6,400.00.

May 5, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- m. National Science Foundation, Washington, D. C., Dynamics of Insect-Mediated Breeding Systems in Angiosperms (to be known as Project No. 3238-A1 - NSF Ltr. Dtd. 2/28/72 - Institute of Polar Studies).  
Gross Value - \$15,400.00.
- n. Department of Health, Education and Welfare, Office of Education, Washington, D. C., An Experiment in the Use of Drawing to Promote Cognitive Development in Disadvantaged Pre-School Children in Israel and the United States (to be known as Project No. 3409-A1 - New - College of Education).  
Gross Value - \$100,599.00.
- o. National Science Foundation, Washington, D. C., Student-Originated Studies-Building Materials from Recycled Glass, Ceramics, Paper, and Plastics (to be known as Project No. 3421-A1 - New - Department of Ceramic Engineering).  
Gross Value - \$9,970.00.
- p. Department of Health, Education and Welfare, Office of Education, Region V, Chicago, Illinois, A Continuation of the Study of the Development of the Skill of Questioning by Prospective Secondary School Science Teachers (to be known as Project No. 3422-A1 - New - College of Education).  
Gross Value - \$4,583.00.
- q. National Aeronautics and Space Administration, Ames Research Center, Moffett Field, California, A Symposium Devoted to the Consideration of the Effects of Pharmacologic Agents on the Neuroendocrine Process that Regulates the Secretion of Hormones (to be known as Project No. 3423-A1 - New - Department of Pharmacology).  
Gross Value - \$8,000.00.
- r. Department of Health, Education and Welfare, Office of Education, Region V, Chicago, Illinois, A Study of the Types of Adult Education Existing in America for the Black Man 1860-1880 (to be known as Project No. 3425-A1 - New - College of Education).  
Gross Value - \$7,924.00.
- s. National Science Foundation, Washington, D. C., Research Initiation - Noninvasive Measurement of Physiological Flow Parameters (to be known as Project No. 3427-A1 - New - Department of Engineering Mechanics).  
Gross Value - \$20,000.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- t. National Science Foundation, Washington, D. C., A Study of Relaxation, Diffusion, and Polarization in the Solid Hydrogens (to be known as Project No. 3428-A1 - New - Department of Physics).  
Gross Value - \$37,200.00.
- u. National Science Foundation, Washington, D. C., Low Temperature Transport Phenomena in Metals (to be known as Project No. 3436-A1 - New - Department of Physics).  
Gross Value - \$40,000.00.
- v. National Science Foundation, Washington, D. C., Equipment Grant - for the Perkins 72-inch Telescope at Flagstaff (to be known as Project No. 3438-A1 - New - Department of Astronomy).  
Gross Value - \$82,000.00.

TOTAL - Government Research Grants - Federal \$715,640.00

4. Industrial and Other Research Grant

- a. National Tuberculosis and Respiratory Disease Association, New York, New York, Cellular Immunity in Sarcoidosis (to be known as Project No. 3426-A1 - New - Department of Medicine).  
Gross Value - \$12,760.00.

May 5, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

B. The Report of the Research Contract  
from the Engineering Experiment Station

SUMMARY

(Period: March 21, 1972 - April 12, 1972)

	No. of Projects	Gross Value
Industrial Research Contract	1	\$1,460.00

The Engineering Experiment Station of The Ohio State University entered into the following research contract. This research contract was reported to the Board of Trustees for information and the record.

1. Industrial Research Contract

EES 413X      Study of Stream Separator Forces, Pennsylvania  
Separators Company, Brookville, Pennsylvania.  
Gross Value - \$1,460.00.

May 5, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS

SUMMARY

(Period: March, 1972)

<u>Grants</u>	
Office of Finance and Treasurer	\$856,313.00

<u>Gifts</u>	
The Ohio State University Development Fund	

	Number of Gifts	Amount
Alumni	589	\$ 69,503.37
Individuals Other than Alumni	272	52,329.39
Business Concerns	33	173,097.60
Foundations and Nonprofit Organizations	<u>72</u>	<u>122,819.15</u>
Totals	966	\$417,749.51

The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include the establishment of named funds and a specific listing of some of the many gifts received.

Upon motion of Mr. Dorsey, seconded by Mr. Dunlap, the acceptance of the grants and gifts and the establishment of the named funds were approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

May 5, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer

1. \$163,042.00 additional grant from Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for Preparing Leadership Personnel in School Psychology, under the direction of the College of Education, for the period ending August 31, 1973. (Grant No. OEG-0-70-4214, Revision No. 4)
2. \$95,915.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for Academic Year Institute: R & D Personnel Training Personnel, under the direction of the College of Education, for the period March 1, 1972 through August 31, 1973. (Grant No. OEG-0-72-1247)
3. \$95,472.00 granted by Department of State, Agency for International Development, Washington, D. C., to the University for International Agricultural Programs in Brazil, under the direction of the College of Agriculture and Home Economics, for the period January 1, 1972 through March 31, 1972. (Contract No. AID/1a-161)
4. \$95,000.00 granted by Department of State, Agency for International Development, Washington, D. C., to the University for International Agricultural Programs in India, under the direction of the College of Agriculture and Home Economics, for the period April 1, 1972 through June 30, 1972. (Contract AID/nesa-147-India)
5. \$79,360.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for Clinical Cancer Training - Training Grant, under the direction of the Department of Surgery, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T12 CA08110-07)
6. \$76,331.00 additional grant from Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for In-Service Program in Reading, as amended, to the College of Education, for the period December 31, 1972 through December 31, 1973. (Grant No. OEG-0-70-2057, Revision No. 6)
7. \$75,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for National Conference on Career Education for Deans of Education and Professors of Educational Administration, under the direction of the Center for Vocational and Technical Education, for the period February 1, 1972 through June 30, 1972. (Grant No. OEG-0-72-0055)
8. \$41,550.00 granted by Department of State, Agency for International Development, Washington, D. C., to the University for International Agricultural Programs in India, under the direction of the College of Agriculture and Home Economics, for the period April 1, 1972 through June 30, 1972. (Contract AID/nesa-148-India)

May 5, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

9. \$30,040.00 granted by National Science Foundation, Washington, D. C., to the University for support of Undergraduate Research Participation, under the direction of the Department of Chemistry. This grant expires on May 31, 1973. (Grant GY-9803, Proposal No. 2/4417)
10. \$29,469.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for Energy Conversion in Primary Bio-Photoprocesses, for a Development Award - Research Career Program, under the direction of the Department of Physics, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 K03 GM21946-09)
11. \$25,080.00 granted by National Science Foundation, Washington, D. C., to the University for support of Undergraduate Research Participation, under the direction of the College of Pharmacy. This grant expires on May 31, 1973. (Grant GY-9978, Proposal No. 2/4343)
12. \$17,624.00 additional grant by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for Facilitating Career Education Through Career Development Program Specialists, under the direction of the Center for Vocational and Technical Education, for the period June 28, 1971 through August 31, 1972. (Grant No. OEG-0-71-4553, Revision No. 2)
13. \$15,090.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for Cardiovascular Physiology - Training Grant, under the direction of the Department of Veterinary Physiology and Pharmacology, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 HL94659-08)
14. \$7,840.00 granted by the Ohio Bureau of Employment Services, Columbus, Ohio, to the University for instruction of 35 supervisors of the Bureau of Employment Services, under the direction of the College of Administrative Science, Division of Continuing Education. This grant terminates on June 16, 1972.
15. \$7,500.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for Professional Nurse Traineeship - Training Grant, under the direction of the School of Nursing, for the period September 1, 1971 through August 31, 1972. (Grant No. 3 A11 NU00029-15S2)
16. \$2,000.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for support of the U. S. Loan Program for Cuban Students, under the direction of the Office of Student Financial Aids, for the period April 1, 1972 through June 30, 1972. (BHE DSA CLP)



May 5, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund

1. \$52,503.00 from The John A. Hartford Foundation, Inc., New York, New York, for The John A. Hartford Foundation pancreas ulcer tumor research.
2. \$22,648.59 from Associates of Medicine, Columbus, Ohio, for the Department of Medicine General Fund.
3. \$13,800.00 from The Ohio Electric Utility Institute, Columbus, Ohio, for its fellowship fund in the Department of Electrical Engineering.
4. \$12,900.00 from the Trust Under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.
5. \$12,000.00 from the Estate of Florence Mick, Columbus, Ohio, to be added to the Charles J. and Florence Y. Mick Memorial Fund for cancer research in the College of Medicine.
6. \$10,000.00 from the Estate of Melvin E. Moffitt, San Antonio, Texas, as an unrestricted bequest to the University.
7. \$10,000.00 from G. D. Searle and Company, Chicago, Illinois, for its research fund in gastroenterology.
8. \$10,000.00 from Westinghouse Educational Foundation, Pittsburgh, Pennsylvania, to support the Lamme Power Systems Laboratory under the direction of the Department of Electrical Engineering.
9. \$8,100.00 from The Yassenoff Foundation, Columbus, Ohio, to support funds of the various colleges.
10. \$6,185.00 from The Charles F. High Foundation, Bucyrus, Ohio, for scholarships.
11. \$6,000.00 from The Upjohn Company, Kalamazoo, Michigan, for infectious disease research.
12. \$5,022.00 from the African-American Institute, New York, New York, for its fellowship fund.
13. \$4,650.00 from friends, colleagues, and former teammates of Jack W. Stephenson--\$3,150.00 for the establishment of Jack W. Stephenson Scholarship and \$1,500.00 for the establishment of the Jack W. Stephenson "Tackle of the Year" Award.

Jack W. Stephenson Scholarship

The Jack W. Stephenson Scholarship was established May 5, 1972, by the Board of Trustees of The Ohio State University, with gifts through The Ohio State University Development Fund from friends, colleagues and

May 5, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

B. The Ohio State University Development Fund (continued)

13. Jack W. Stephenson Scholarship (continued)

former teammates, in memory of Jack W. Stephenson, Edu. w '42, late of Marion, Ohio, and Grosse Pointe, Michigan, and President of the College of Administrative Science's Pace Setters at the time of his death June 29, 1971.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to award a scholarship to an outstanding student in the College of Administrative Science. The recipient is to be selected upon the recommendations of the Pace Setters and the Dean of the College of Administrative Science.

Should the College of Administrative Science and the Pace Setters organization cease to exist through any reorganization of the University, then the scholarship is to be awarded upon the recommendations of the appropriate administrative official of the University who is then directly responsible for business education.

Jack W. Stephenson "Tackle of the Year" Award

The Jack W. Stephenson "Tackle of the Year" Award was established May 5, 1972, by the Board of Trustees of The Ohio State University, with gifts through The Ohio State University Development Fund from friends, colleagues and former teammates, in memory of Jack W. Stephenson, Edu. w '42, late of Marion, Ohio, and Grosse Pointe, Michigan, and Captain of the 1941 Varsity Football Team.

All gifts are to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of The Ohio State University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used to provide a trophy to the best tackle on the Varsity Football Team. The award is to be made at the conclusion of each football season. The winner of the award is to be selected by the Varsity Football coaching staff.

May 5, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Gifts-in-Kind

1. A gift of equipment for the Departments of Electrical Engineering and Aeronautical and Astronautical Engineering from McDonnell-Douglas Aircraft Company, St. Louis, Missouri.
2. A gift of Thurber literary material to be added to the Thurber Library from Mrs. James Thurber, West Cornwall, Connecticut.

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V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. University College, Building No. 1

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$3, 011, 447. 00	\$3, 009, 417. 70	(\$2, 029. 30)

Various revisions and deletions were made to the site work since it would be more advantageous to coordinate the work during construction of University College, Buildings No. 2 and No. 3.

The credit on this contract has been reflected in HB 949, Item 315-037, HB 886, HB 828, and Budget Account 801175.

Upon motion of Mr. Harrod, seconded by Mr. Eckley, the above extra and credit order to contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations was ratified by unanimous roll call vote.

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VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Administrative Operations, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following project be approved by the Board of Trustees:

May 5, 1972 meeting, Board of Trustees

VI. PLANS AND SPECIFICATIONS (continued)

A. University College - Building No. 13

This two story plus basement building is to be located on the West Campus and is designed to provide facilities for introductory courses in astronomy, geology, mathematics, physics, political science, psychology, and theater to students in the University College.

Funds for this project will be provided in HB 988, Item 315-067, HB 531, Item 315-067, SB 457, Item 315-067 (Pending Appropriation Act), Board of Regents.

Upon motion of Mr. Harrod, seconded by Mr. Dorsey, the above recommendation was approved by unanimous roll call vote, and is contingent upon a pending appropriation action. If the pending action is approved, the Secretary was authorized and directed to sign the plans and specifications for the above project for and on behalf of the Board of Trustees. Vice President Lachner was directed to proceed with a request for bids in the normal University manner, and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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VII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

A. Airport Buildings--Hangars No. 1, No. 2, and No. 3,  
Repair to Roof (3160 Case Road)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (6 bids received 4-10-72)		
Earl E. Bright, Inc. (Columbus)	\$21,165.00	\$ 81,600.00

Funds for this project have been provided from Budget Account 124358 (Contract Repair).

B. Means Hall--Roof Repairs 1972

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (4 bids received 4-10-72)		
Earl E. Bright, Inc. (Columbus)	\$42,226.00	\$119,600.00

Funds for this project have been provided from Budget Account 801255 (Means Hall Roof).

May 5, 1972 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

C. Roadway Repairs 1972--Roads South of  
Agricultural Administration Building

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (5 bids received 4-14-72) The Floyd H. Baker Corp. (Columbus)	\$24,421.87	\$ 38,100.00

Funds for this project have been provided from Budget Account 124358  
(Contract Repair).

D. Optometry Building--Improvements to Air Conditioning

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating, Ventilating, and Air Conditioning Contract</u> (5 bids received 4-17-72) R. E. Eversole (Columbus)	\$13,050.00	\$ 16,000.00

<u>Electrical Contract</u> (6 bids received 4-4-72) L. Paul Miller Electric Co. (Lancaster, Ohio)	<u>\$ 1,751.00</u>	<u>\$ 3,000.00</u>
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<u>Total All Contracts</u>	<u>\$14,801.00</u>	<u>\$ 19,000.00</u>
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Funds for this project have been provided from Budget Account 124358  
(Contract Repair).

E. Brown Hall--Heating and Ventilating System Repairs

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating and Ventilating Contract</u> (4 bids received 4-26-72) Farber Corporation (Columbus)	\$37,300.00	\$ 45,000.00

Funds for this project have been provided from Budget Account 124358  
(Contract Repair).

F. Physical Education Building--Roof Repairs 1972  
(377 West 17th Avenue)

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u> (7 bids received 4-26-72) Edward A. Werner (Columbus)	\$16,545.00	\$ 28,000.00

May 5, 1972 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

F. Physical Education Building--Roof Repairs 1972  
(377 West 17th Avenue) (continued)

Funds for this project have been provided from Budget Account 124358  
(Contract Repair).

G. Undergraduate Library and Service Center (Joseph Sullivant  
Hall) - 13.2 KV Primary Distribution System Extension

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Primary Distribution Contract</u>		
<u>(6 bids received 4-27-72)</u>		
Jess Howard Electric Co. (Columbus)	\$88,447.00	\$110,000.00

Funds for this project have been provided from Budget Account 801095  
(Undergraduate Library).

Upon motion of Mr. Dorsey, seconded by Mr. Dunlap, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations ratified by unanimous roll call vote.

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VIII. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Kenneth George Hornung, Professor in the Department of Mechanical Engineering, and John Bradford Titchener, Professor Emeritus in the Department of Classics. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Kenneth George Hornung

The Board of Trustees of The Ohio State University expresses its sorrow at the death on April 4, 1972, of Kenneth George Hornung, Professor in the Department of Mechanical Engineering.

Dr. Hornung was born in New Bavaria, Ohio, on May 3, 1927. After a short period in the U. S. Army in which he attained the grade of Sergeant, he entered The Ohio State University from which he earned three degrees, the combined baccalaureate and master's in Mechanical Engineering in 1952, and the doctorate in 1959. His dissertation was entitled "Factors Influencing the Fatigue Characteristics of Rubber-Textile Machine Elements."

VIII. RESOLUTIONS IN MEMORIAM (continued)

A. Kenneth George Hornung (continued)

For a time in 1952 he worked for Robbins and Myers, Incorporated, before he returned to the University to continue his education. He served as Research Associate or Instructor until 1959 when he joined the faculty of the Department of Mechanical Engineering as Assistant Professor. He was promoted to Associate Professor in 1963, and to Professor in 1967.

Dr. Hornung served as a consultant to several industrial companies. His primary teaching area was in design where he taught all related courses and established some on his own accord. He served on many important committees of his Department and College and the philosophies of engineering education he expounded will live long in the minds of his students and conferees.

Dr. Hornung was a licensed professional engineer in Ohio, a member of the honorary societies Pi Tau Sigma, Tau Beta Pi, Pi Mu Epsilon, and Sigma Xi. He was listed in American Men of Science, Who's Who in American Education and Who's Who in the Midwest. He was a member of many professional societies and active in the American Society of Mechanical Engineers and the American Society for Engineering Education. He published many technical papers and was a much sought after advisor to graduate students. He was a member and deacon of the Dublin Community Church.

Dr. Hornung exemplified to the fullest the combination of distinguished teacher, understanding advisor, expert scientist and engineer, and valued associate.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

B. John Bradford Titchener

The Board of Trustees of The Ohio State University expresses its sorrow at the death on March 9, 1972, of John Bradford Titchener, Professor Emeritus in the Department of Classics.

Dr. Titchener was born in Ithaca, New York, on January 2, 1898. He was graduated with the Bachelor of Arts degree from Clark College in 1917. He earned the Master of Arts degree in 1921 and the Doctor of Philosophy degree in 1923 from the University of Illinois. From 1917 to 1919 he served first in the Ambulance Service of the French Army and later in the United States Army.

May 5, 1972 meeting, Board of Trustees

VIII. RESOLUTIONS IN MEMORIAM (continued)

B. John Bradford Titchener (continued)

From 1923 until 1925 Dr. Titchener was Instructor in Greek at the University of Michigan, and in 1925 he became Instructor in Classical Languages at Harvard University, being promoted to Assistant Professor in 1927. He was appointed Assistant Professor in Classical Languages at The Ohio State University in 1930, becoming Associate Professor in 1933, and Professor in 1939. From 1931 until 1934 he was Acting Chairman of the Department of Classical Languages and became Chairman in 1934, a position which he held until 1966. He retired from the department in 1968 and was appointed Professor Emeritus.

In 1934 Professor Titchener held a Visiting Professorship at Stanford University. In 1960-61 he was Fulbright Lecturer and Visiting Professor at the University of Melbourne and in 1968-69 Visiting Lecturer at the University of Sydney.

Dr. Titchener was active in local, regional, and national Classical associations, including the American Philological Association and the Classical Association of the Middle West and South. In his long tenure of the Chairmanship of the Department of Classical Languages he developed the graduate program in Classics and pioneered the undergraduate programs in the teaching of Classics in English. He worked closely with Classics teachers throughout Ohio, developing a continuing cooperation between the department and the secondary schools. In the area of classical scholarship he was especially distinguished for his studies in textual criticism and in the poetry of Horace, and he edited part of the text of Plutarch in the Teubner series. He was an expert on primitive art and during his visits to Australia and the South Pacific he collected pieces of the primitive art of the area for the Columbus Gallery of Fine Arts.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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Mr. Shocknessy called on Mr. Dorsey for a report from the Retirement and Insurance Committee. Before making this report and recommendation, Mr. Dorsey made the following statement:

Before I present this recommendation, since this seems to be a day of expression of appreciation I, too, would like to express my appreciation for all of the kind things that have occurred to me since I became associated with this University, particularly the privilege of serving as a member of this Board. Since it appears quite likely that my term is ending today, I want to make sure that my thoughts on this association



May 5, 1972 meeting, Board of Trustees

Mr. Dorsey's statement (continued)

are recorded. Never in my wildest dream when I was a student at this University did I ever think that I would ever have the privilege of serving in such a high capacity. I have a lot of friends who like to play practical jokes on me just because I'm such a sweet, lovable guy. So when the Governor's secretary called me and asked if I would accept the position as a member of the Board of Trustees I thought this was one of my friends playing a practical joke on me. To check, however, I called my friend, Dick Mall, since I was serving on the Alumni Board at that time. Dick assured me that it was not a practical joke. This has really been a fantastic experience for me. I have come to know some very great men who serve on the Board of Trustees and who serve in the administration of this University and are in my view truly dedicated to the best interests of this University. The view from the inside is very different from the view from the outside. People often criticize these men for their actions and while sometimes the criticism is warranted since I have been a part of this procedure I am firmly convinced that these men are acting in the best interest of the University. I wanted to express my appreciation for being a part of this process. And you may be assured that I will continue to serve this University in anyway I can. I believe that it is a great University, in my estimation one of the best.

Mr. Shocknessy responded to Mr. Dorsey's statement:

On behalf of this Board I will respond to you and say that your service has been without parallel. You have had some agonizing votes to cast, and you looked at them thoughtfully and fearlessly and cast your votes. I can say that I personally and every member of our Board has enjoyed serving with you and have great respect not merely for you as a person and as a human being but as a man with a 'good head.' You have a 'good head' and a 'good heart' and we have liked serving with you. As I said a while ago, I would hope that you would have an opportunity to serve as Chairman of this Board in your own right. I was not saying it vainly. I said it because I mean it. Bob, I hope that your inference, if that is what it is, that you will not be back another term is not correct because you have served well and it takes a while for a member on this Board to become fully assimilated by the Board and I think it is too bad to lose as a member a man who has just been fully assimilated. I hope that you will continue as a member and whether you do or not you will have the lifelong satisfaction and your family will have the lifelong satisfaction of knowing that you gave great service--selfless, good, constructive service to this University. I wish that there were more that I could say; I wish that there were more that I could do to make effective what I would wish and what I am sure the members of this Board wish. Many times the President has expressed his gratitude to you for the service you gave. I know how the President feels and I know we all feel that you have been a fine member of this Board.

May 5, 1972 meeting, Board of Trustees

Mr. Dunlap made the following statement:

I'm not given too much to oratory but I do want to say two things, first about Bob Dorsey--he has been a great member of this Board. I really think that he has more 'stuff' than most anybody here. I like him as a Board member but more than that I admire him as a man. And I, too, hope he is given an opportunity to continue his service on this Board. I also want to say something about our retiring Chairman--I think that he has done a remarkable job. I only wish I had the powers to express myself as he and some of the rest of you do. Some of us, as the Chairman said earlier, were nurtured by the University. We have deep ties here, but Jim did not go to school here, yet he has served this University with the same or more ardor and devotion, than a great many people who did graduate from the University. And, speaking just for myself, I want to say that I do not think that we have ever had a better Chairman than Jim and I do not think we have ever had a better Board member than Bob.

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## IX. REPORTS

### A. Report from the Retirement and Insurance Committee

Mr. Dorsey, a member of the Retirement and Insurance Committee, presented the following report and recommended that The Ohio State University Student Health Insurance Program for the 1972-73 policy year be made available to all students at the same quarterly premium rates and including the improved coverages as outlined in a detailed statement which is filed with the official records of the Board of Trustees. The Student Health Insurance coverage as recommended by the Subcommittee on Student Insurance and endorsed by the Council on Student Affairs and approved by the consultant on student insurance is in accordance with the existing renewal agreement with the Continental Casualty Insurance Company which expires on September 30, 1973.

Quarterly Premium Rates 1972-73 Year	
Student	\$14
Student and Spouse	28
Student, Spouse, and All Children	46
Student and Dependent Child or Children	28

The Subcommittee on Student Insurance and the Council on Student Affairs recommended that the current contract be renewed including the recommended improvements with the Continental Casualty Insurance Company for the 1972-73 year.

Upon motion of Mr. Dorsey, seconded by Mr. Harrod, the above recommendation was approved by unanimous roll call vote.

May 5, 1972 meeting, Board of Trustees

IX. REPORTS (continued)

B. Report on the University's Investment Portfolio

The report dated May 5, 1972, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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In concluding the meeting, President Fawcett made the following statement:

My statement may have been somewhat inadequate in expressing to you, Mr. Shocknessy, this University's sense of appreciation for the unselfish contribution of time and the quality of service that you have rendered this institution.

I did not comment on Mr. Dorsey's service to this Board and the University and I would like to do so now. I want to put a footnote under everything that Mr. Dunlap and the Chairman have said and to say 'Amen.' Then I would like to do something that I have never done before in all my sixteen years as President. While I have never been a factor in any Governor's selection of Trustees, I think the highest tribute I could pay Bob Dorsey would be to say that in the event a Governor would call me and ask me to fill this vacancy on the Board I would say 'Reappoint Bob Dorsey.'

And finally, I want to congratulate Fred Eckley publicly for his election as the new Chairman of this Board. I am sure that he will provide the quality of leadership that will make me somewhat regretful that I will only be able to serve two meetings under his leadership. All of this can best be summarized by just indicating a little sense of envy of Harold Enarson of the quality of people who serve on this Board and for the association he will have with this Board hopefully for many years to come.

Mr. Shocknessy responded to the President:

Thank you, Mr. President. We are all pleased today--this is one of those days that is sort of bittersweet--there is some bitterness and some sweetness. We take it all and we enjoy it all because bittersweetness isn't tastelessness. So I just want to say that as I give up the gavel I thank everybody and along with you I am glad the day the secretary called Bob Dorsey that it was not a practical joke.

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Thereupon the Board adjourned to meet Friday, June 2, 1972, at The Ohio State University, Columbus, Ohio, at 1:30 p.m.

Attest:

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Edward Q. Moulton  
Secretary

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James W. Shocknessy  
Chairman



APPENDIX IX

Revision of Rules 31.0701, 31.0703, 31.0705, and  
35.07 of Rules for the University Faculty

Approved by Faculty Council  
April 11, 1972

Adopted by Board of Trustees May 5, 1972  
(See page 542)

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Revision of Rules 31.0701, 31.0703, 31.0705, and  
35.07 of Rules for the University Faculty

On April 11, 1972, the Faculty Council approved changes in Rules 31.0701, 31.0703, 31.0705, and 35.07 of Rules for the University Faculty. The text of each Rule as modified is as follows:

31.0701. Men Students.

All undergraduate men students, unless excused under Rule 31.0705, shall be required to schedule and to complete:

- a. National Defense Studies. (1) Two hours of Military Science or Air Force Aerospace Studies each quarter (or three hours of Naval Science each quarter during the freshman year and two hours of Naval Science each quarter during the sophomore year) until a total of twelve (Naval Science, fifteen) credit hours has been earned; or (2) a grouping of academic courses prescribed by the College in which the student is registered, which courses shall be in addition to all College requirements; and
- b. One or more hours of Physical Education per quarter for a total of three quarters.

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31.0703. Women Students.

All undergraduate women students, unless excused under Rule 31.0705, shall be required to schedule and to complete:

- a. Excepting students enrolled in the School of Nursing, a grouping of academic courses prescribed by the College or School in which she is registered, which courses shall be in addition to all College requirements; and
- b. One or more hours of Physical Education per quarter for a total of three quarters.

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31.0705. Marks for and Excuses from University Required Courses.

Section 1. Transfer within the University shall not excuse a student from compliance with the requirements of Rules 31.0701 and 31.0703.

Section 2. The President shall determine University policy with respect to excuse from the requirements of Rules 31.0701 and 31.0703 of students transferring with advanced standing from other institutions or from branches of this University. In addition, the School of Health, Physical Education and Recreation may excuse individual students from any part or all of the Physical Education requirements of Rules 31.0701 and 31.0703.

Section 3. These required courses, for both men and women, may be taken either on a Pass/Non-Pass or on a graded basis.

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35.07.        Marks.

T--Temporarily excused. This mark applies only to Military Science, Air Force Aerospace Studies or Naval Science, or Physical Education. No credit hours shall be awarded to a course in which a student received a T mark.

X--Permanently excused. This mark applies only to Military Science, Air Force Aerospace Studies or Naval Science, or Physical Education. No credit hours shall be awarded to a course in which a student received an X mark.

PA/NP--Pass/Non-Pass. This grading pattern may be chosen for

(a) any or all of the University required courses (31.0701, 31.0703) of Physical Education and National Defense Studies.

(b) an additional maximum of 15 hours of work.

The 15 hours noted in "b" above is confined to undergraduate students enrolled in a degree-granting college, who have an accumulated point-hour ratio of 2.0 or higher. In addition, courses required or specified as required electives in the curriculum leading to the degree for which a student is a candidate may not be taken on a Pass/Non-Pass basis.

Hours graded PA or Pass count towards the degree, and PA/NP or Pass/Non-Pass are not computed in the point-hour average of the student. After an instructor is notified of the Pass/Non-Pass decision he will submit PA or NP to the Registrar, consistent with that decision, in the case of each student making the election. University and College rules for adding and deleting courses apply to courses elected on a Pass/Non-Pass basis. For the purpose only of calculating final standing in a course, the grade Pass is the equivalent of the grades ABCD and the grade Non-Pass of the grade E.

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## APPENDIX X

Revision of Rule 43.11 of Rules  
for the University Faculty

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43.11. Instructional and General Fees for Instructors, Graduate Teaching Associates, Graduate Research Associates, Graduate Administrative Associates, Fellows, Scholars, and University Employees.\*

Section 1. "Fees authorized" are those fees which are paid on behalf of a student through University accounts for the purpose of services rendered, employee benefits or student assistance. A fee authorization provides the authority to spend money from whatever account is specified to pay student fees. All fees must be authorized by an appropriate Fee Authorization Card. Approved fee authorizations will be processed as an expenditure against the department and account specified.

Section 2. The payment of instructional and general fees may be authorized, except as specifically prohibited by the University, for those within the following classifications:

- a. Members of the instructional staff of the University, with the rank of Instructor and above who were employed before July 1, 1955 and who are registered in the Graduate School, and any member of the teaching staff who, on the approval of the appropriate Instructor and Department Chairman or Director of a School, enrolls as an Auditor. (Rule 41.19)
- b. Graduate Teaching Associates, Graduate Research Associates, and Graduate Administrative Associates who meet the specified requirements of enrollment and employment may have their instructional and general fees authorized for payment as a benefit for services rendered.
- c. Employees of organizations having specific contracts with the Board of Trustees of the University whereby fees of persons designated by the agreement are authorized, in whole or in part, in lieu of payment for service rendered by the organization to The Ohio State University.
- d. Undergraduate and professional students eligible for the authorization of fees under scholarship assistance programs.
- e. Graduate students eligible for the authorization of fees under University, private, and governmental fellowship and traineeship agreements.

Section 3. The President, subject to the approval of the Board of Trustees, shall have authority to enter into an agreement with an organization or person not provided for in another category.

Section 4. A copy of the agreement and the names of person, or persons, designated to sign and certify fee authorizations will be filed with the Office of Personnel Services. All agreements shall contain information as to who is responsible for the overall administration of fee authorizations for these programs. Problems of coordination and individual cases that need interpretation of the rules concerning fee authorizations shall be referred for decision to the Office of Personnel Services.

Section 5. Reimbursement for tuition, instruction and general fees, as appropriate for employees is provided under provisions of the Employee's Fee Reimbursement Program as administered by the Office of Personnel Services. As a general principle, employees who are members of the administrative or clerical staff of the University will not be permitted to take courses except outside of the prescribed working hours.

Section 6. In all cases where interpretation and application of the rules specified herein are required, the question shall be referred for decision to the Office of Personnel Services.

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\* Rule initiated by Board of Trustees.

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THE OHIO STATE UNIVERSITY  
OFFICIAL PROCEEDINGS OF THE  
ONE THOUSAND AND SEVENTY-SEVENTH MEETING  
OF THE BOARD OF TRUSTEES

Columbus, Ohio, June 2, 1972

The Board of Trustees met at its regular monthly meeting on Friday, June 2, 1972, at The Ohio State University Center for Tomorrow, Columbus, Ohio, pursuant to adjournment.

Present: Frederick R. Eckley, Chairman, James W. Shocknessy, Don M. Hilliker, William C. Safford, John H. Dunlap, M. Merle Harrod, John L. Gushman, Howard D. Sirak, and Robert S. Dorsey.

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Minutes of the last meeting were approved.

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June 2, 1972 meeting, Board of Trustees

President Fawcett presented the following recommendations:

I. GENERAL RECOMMENDATIONS

A. Budget for Fiscal Year 1972-73 and  
Increase in Instructional Fee

President Fawcett made the following statement and recommendation:

Today I am presenting for your consideration and approval the University budget for the fiscal year 1972-73. Before commenting on specifics of this budget I should like to make a few remarks of a general nature.

As you will recall in an earlier presentation to this Board at the time that the budget for fiscal year 1971-72 was being considered, I indicated that the level of financial support which the University received from the state for this biennium fell substantially below that which had been anticipated. I indicated that this situation was further complicated by the fact that the legislature chose to depart from tradition and provide no increase in the level of support in the second year of the biennium over the first. To accommodate this financial problem it became necessary for us to provide sufficient resources to cover all necessary increases in the second year of the biennium. And for the first time in over a decade we could not look to an increase in the number of persons paying fees to assist us in this funding problem since our enrollments are becoming stabilized. To compound our financial dilemma, the legislature chose to mandate a very substantial and, I might say, well-deserved pay increase for all state civil servants including the approximately 2,500 civil servants at this University. At the same time the state universities were excluded from the resources provided in support of this action. Because of these difficult economic facts of life compounded by the continuing inflationary pressures which seem to be particularly critical for a university such as Ohio State which is engaged in such a wide range of activities, it was obvious that we would have to depart from previous budget-making procedures and develop a new budgeting approach. Thus, rather than adding increments to a continuation budget for our programs, as we had done in previous years, we initiated an approach whereby each program was examined on the basis of activity level and work load. This resulted in substantial reallocations of resources from programs with declining enrollments or work loads to programs on which increasing demands were being placed either through enrollments or activity. For example, because of the planned reduction in the number of entering freshmen at Ohio State for this coming year, those colleges providing the majority of the freshmen course loads have had downward adjustments in the resources provided to them. While this approach is in the early stages of development, of necessity,



I. GENERAL RECOMMENDATIONS (continued)

A. Budget for Fiscal Year 1972-73 and  
Increase in Instructional Fee (continued)

President Fawcett's statement (continued)

a number of refinements will have to be made. We believe that this method of budgeting provides a system whereby this University can be responsible to the changing patterns of enrollments and programs and at the same time be financially responsible.

Concurrent with this budgeting method we are making an effort to decentralize more of the decision-making process to the college level since it is believed that difficult priority decisions directly affecting educational programs within each college can be most effectively made by the responsible units. As an example of this principle, a portion of the necessary funding associated with the civil service pay increase had to be shared directly with the colleges, since this total financial obligation could not be accommodated within the very limited uncommitted resources of the University. Accordingly the colleges were asked to provide a portion of these funds from within their own resources either through economies in operating or equipment budgets or through cutbacks within personnel budgets.

Now I should like to turn to some of the specifics of this budget recommendation. Calling for expenditures of \$272,095,374, which represent approximately a \$15 million increase over the first year of this biennium, this budget represents a 5.8 per cent increase over last year's expenditures. This increase is constituted as follows: an instructional and general budget increase of 6.7 per cent or \$8.3 million, the major component of which \$5.3 million is allocated to personnel services enabling this University to meet the 13 per cent increase for classified staff mandated by state law; and a 4 per cent average faculty salary increase. Minimal increases of 3.5 per cent were allocated to the operating and equipment budgets, a necessary action since these budgets were held at the 1970-71 level during fiscal year 1971-72, in spite of inflation and increased departmental activities. There are also some budgeted increases in support of activities that realized increased earnings such as the laboratory animal center and the student health center.

This budget expenditure level is fully supported from the anticipated resources including the current level of student fees. However, I am requesting a realignment of those fees so that this University may take the final step in its implementation of the Faculty Council recommendation of 1969 which called for the elimination of all course fees in support of the concept that

I. GENERAL RECOMMENDATIONS (continued)

A. Budget for Fiscal Year 1972-73 and  
Increase in Instructional Fee (continued)

President Fawcett's statement (continued)

courses should be equally accessible to all students without regard to differential costs. To offset the loss of revenue from such action, I am recommending that our instructional fee for all students be increased by ten dollars per quarter effective with the Autumn Quarter 1972. This will mean, for example, that the undergraduate students instructional fees will be increased from \$200 to \$210 making the total instructional and general fees, \$250 per quarter. The authority for such a modification is contained in the appropriation act of the current legislature subject to ratification by the Ohio Board of Regents. (See Schedule of Student Fees, page 589.)

In conclusion while there is little doubt that I am presenting to you a tightly drawn budget, I am satisfied that with the continuing support of the University community and the critical review of our spending at every level, this University will be able to sustain the momentum of its academic programs. While resources available for the development of new and improved programs are exceedingly limited, selective gains are essential and will simply have to be achieved through efficiencies, reduction, or elimination of lower-priority programs. In sum, I am satisfied that this budget will meet the University's existing commitments and at the same time maintain its fiscal integrity.

Budget for the 1972-73 Fiscal Year

	Estimated 1971-72	Budgeted 1972-73
General Budgets - Main Campus		
Personnel Services	\$ 96,123,985	\$101,394,972
Operating & Equipment	19,378,396	20,889,689
All Other	<u>8,019,222</u>	<u>9,565,326</u>
Total	<u>\$123,521,603</u>	<u>\$131,849,987</u>
Regional Campuses	<u>\$ 4,858,270</u>	<u>\$ 5,396,387</u>

Schedule of Student Fees, Effective Autumn Quarter, 1972

College or School	Instructional	General	Resident Total	Out-of-State Tuition	Non- Resident Total
Administrative Science	\$210	\$40	\$250	\$350	\$600
Agriculture and Home Economics	210	40	250	350	600
Arts and Sciences					
The Arts	210	40	250	350	600
Biological Sciences	210	40	250	350	600
Humanities	210	40	250	350	600
Mathematics and Physical Sciences	210	40	250	350	600
Social and Behavioral Sciences	210	40	250	350	600
Education	210	40	250	350	600
Engineering	210	40	250	350	600
Graduate School	270	40	310	350	660
Dentistry	270	40	310	350	660
Dental Hygiene	210	40	250	350	600
Law	270	40	310	350	660
Medicine	270	40	310	350	660
School of Allied Medical Professions	210	40	250	350	600
School of Nursing	210	40	250	350	600
Optometry	270	40	310	350	660
Pharmacy	210	40	250	350	600
Veterinary Medicine	270	40	310	350	660
University College	210	40	250	350	600
University Regional Campuses	200	25	225	350	575

Fees for part-time students (those enrolled for six or fewer credit hours) shall be assessed at one-half of full fees. When fees are not evenly divisible, they shall be assessed to the next even dollar amount.

June 2, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Budget for Fiscal Year 1972-73 and  
Increase in Instructional Fee (continued)

President Fawcett's statement (continued)

	Estimated 1971-72	Budgeted 1972-73
Restricted Budgets/Expenditures		
Endowments	\$ 1,225,000	\$ 1,300,000
Federal Grants/ Contracts	20,500,000	20,500,000
Ohio Grants/Contracts	1,975,000	1,975,000
Private Gifts/Grants	5,200,000	5,300,000
Research Foundation	16,500,000	16,630,000
Other	2,465,000	2,500,000
Total	<u>\$ 47,865,000</u>	<u>\$ 48,205,000</u>
Rotary and Auxiliary Budgets		
Cooperative Extension	\$ 11,100,000	\$ 11,224,000
University Hospitals	36,800,000	40,100,000
University Dormitories	14,187,000	14,769,000
Intercollegiate Athletics	3,870,000	4,024,000
Departmental Earnings	4,325,000	4,500,000
University Services	2,350,000	2,460,000
All Other	8,150,000	9,567,000
Total	<u>\$ 80,782,000</u>	<u>\$ 86,644,000</u>
Grand Total	<u><u>\$257,026,873</u></u>	<u><u>\$272,095,374</u></u>

Sources of Income for 1972-73 Budget

Main Campus	
State Subsidy	\$ 65,743,666
Student Fees	45,175,000
Other Unrestricted Income	16,482,252
Carry Forward from 1971-72	<u>4,449,069</u>
Total	\$131,849,987
Regional Campuses - All Sources	\$ 5,396,387
Departmental Earnings	4,500,000
University Services	2,460,000
Auxiliary Operations	79,684,000
Restricted Funds	<u>48,205,000</u>
Grand Total	<u><u>\$272,095,374</u></u>

June 2, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

A. Budget for Fiscal Year 1972-73 and  
Increase in Instructional Fee (continued)

President Fawcett recommended that all course fees be eliminated and the increase in instructional fee be approved effective with the Autumn Quarter. It was further recommended that the 1972-73 budget be approved.

Upon motion of Mr. Harrod, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendations by unanimous roll call vote.

B. Residence Halls Room and Board Rates

President Fawcett made the following statement and recommendation:

In spite of our best efforts to hold the line on the costs of education, I find that I must recommend increases in the basic room rates for this coming year. For undergraduates this rate increase will be \$33 per quarter bringing the rate to \$445 per quarter which represents an eight per cent increase in cost. A substantial portion of these increases were necessitated by salary adjustments equivalent to those mandated to our civil service employees which resulted in over a 19 per cent increase in the cost of personal services. At the same time we are experiencing sizable increases in the cost of food, materials, supplies, utilities, and contract services in the operation of these facilities. To offset as much of these increases as possible, a number of economies have been effected and are being considered including, for example, the number of food facilities presently being operated by this University. A number of other areas are also being examined for possible economies in the hope that we can successfully combat the inflationary pressures and at the same time provide resident facilities which are conducive to the educational and social development of our students.

The specific schedule of rates, with effective dates, which I am recommending are as follows:

	<u>Recommended</u> <u>Rates</u>	<u>Present</u> <u>Rates</u>
<u>Effective Autumn Quarter,</u> <u>1972</u>		
General Dormitories	\$445 per quarter	\$412 per quarter
Lincoln Tower - (Room only)	275 per quarter	--
Stadium Scholarship Dormitories	206 per quarter	195 per quarter

June 2, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

B. Residence Halls Room and Board Rates (continued)

President Fawcett's statement (continued)

	<u>Recommended Rates</u>	<u>Present Rates</u>
<u>Effective Summer Quarter, 1972</u>		
Jones Graduate Tower		
Single Room	\$210 per quarter	\$195 per quarter
Double Room (Each occupant)	180 per quarter	165 per quarter
<u>Effective July 1, 1972</u>		
Buckeye Village		
One-Bedroom Units	94 per month	91 per month
Two-Bedroom Units	119 per month	114 per month

President Fawcett recommended further that the University administration be authorized to establish the official rates for such residences as Lane Manor and Neilwood Gables in general conformity with the schedule of rates established in the foregoing paragraph.

Upon motion of Mr. Safford, seconded by Mr. Dunlap, the Board of Trustees approved the residence halls room and board rates by unanimous roll call vote.

C. Combining of the Department of Veterinary Pathology and  
Department of Veterinary Microbiology and Parasitology  
Into the Department of Veterinary Pathobiology

The Faculty Council on May 9, 1972, approved the combining of the Department of Veterinary Pathology and the Department of Veterinary Microbiology and Parasitology into the Department of Veterinary Pathobiology, effective July 1, 1972.

Because of the number of common areas of interest in the programs of these two Departments the merger into one Department will result in a more effective use of the teaching resources in the integrated curriculum, including substantial savings in equipment, materials and facilities, a greater utilization of the intellectual and creative talents of the faculty of both departments in teaching and research, and a general strengthening of the graduate program.

President Fawcett recommended that the action of the Faculty Council be approved.

Upon motion of Mr. Dorsey, seconded by Mr. Safford, the Board of Trustees approved the above recommendation by unanimous voice vote.

June 2, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

D. Adoption of an Official Shield for the School of Nursing

The faculty and students of the School of Nursing have accepted a shield for the School of Nursing of the College of Medicine of The Ohio State University. It is the intention of the faculty and students to utilize this shield of the School of Nursing on their white coats in a manner similar to that of staff members and students and the faculty of the College of Medicine.

President Fawcett recommended that the Board of Trustees approve the proposed shield, as submitted by the Vice President for Medical Affairs, and further that the original copy of such shield be filed with the official records of the Board of Trustees.

Upon motion of Mr. Safford, seconded by Mr. Dorsey, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

E. Acceptance of Federal Aviation Administration Grant

This Board has previously authorized and directed the President to file an application with the Federal Aviation Administration (FAA) for a grant to support the expansion of the University Airport.

The said application was filed and the University has received an offer for a Grant Agreement from the Federal Aviation Administration under date of 17 May 1972.

Be It Resolved, that Novice G. Fawcett, President of The Ohio State University, be, and he hereby is authorized and directed on behalf of the Board to ratify and adopt all statements, representations, warranties, covenants and agreements contained in the Project Application and incorporated materials referred to in the offer for a Grant Agreement, and to accept said offer for a Grant Agreement and agree to all of the terms and conditions thereof by executing the "Acceptance" portion of the Grant Agreement submitted by the Federal Aviation Administration under date of 17 May 1972 in the form attached hereto. (See Appendix XI, page 623.) (FAA Project 8-39-0027-01, Contract No. DOT-FA-72-GL 6722.)

Upon motion of Mr. Gushman, seconded by Mr. Hilliker, the Board of Trustees approved the acceptance of the foregoing grant from the Federal Aviation Administration by unanimous roll call vote.

F. Degrees and Certificates Conferred--Spring Quarter Commencement

President Fawcett recommended that degrees and certificates be conferred at the Spring Quarter Commencement Convocation on June 9, 1972, to those students who have completed the requirements for their respective degrees and certificates and are recommended by the Faculty Council. The names of those awarded degrees and certificates will be included in the minutes of this meeting. (See Appendix XII, page 643.)

Upon motion of Mr. Shocknessy, seconded by Mr. Safford, the Board of Trustees approved the above recommendation by unanimous voice vote.

June 2, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

G. Reprinted Sections--Bylaws of the Board of Trustees and Rules for the University Faculty

Two sections of the publication--Bylaws of the Board of Trustees and Rules for the University Faculty--have been reprinted to conform with changes which have been approved by the Board of Trustees since the last publication in March, 1971.

President Fawcett recommended that these two reprinted sections be accepted as the official publication of the Board of Trustees.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous voice vote.

H. Trusteeship of the Phi Delta Kappa Educational Foundation

The late George H. Reavis, noted educator, benefactor and friend of The Ohio State University, established a trust in 1966 known as "The Phi Delta Kappa Educational Foundation." The irrevocable trust agreement under date of October 13, 1966, and executed by George H. Reavis, contained the following provision:

Upon the death of Grantor, George H. Reavis, and as soon as practical after the administration of said Grantor's estate is completed, and not later than twenty-four (24) months after said death, the Board of Governors shall designate the Board of Trustees of The Ohio State University, Columbus, Ohio, as the successor Trustee to the Huntington National Bank under the terms of this trust, provided the Board of Trustees of The Ohio State University agrees to accept the corpus of the Trust estate and agrees to hold, administer and distribute the same and the proceeds and income therefrom upon the trust conditions, limitations and restrictions imposed by this instrument.

After wide discussions within the University community, legal counsel, and members of the Foundation's Board of Governors, and according to the wishes of Dr. Reavis, President Fawcett recommended that The Ohio State University Board of Trustees accept designation as successor Trustee under the terms of the trust and continue as trustee so long as the trust is of use and benefit to the educational purposes of the University with the funds to be maintained within The Ohio State University portfolio under standard University procedures and charges.

Upon motion of Mr. Safford, seconded by Mr. Harrod, the Board of Trustees approved the above recommendation by unanimous roll call vote.



June 2, 1972 meeting, Board of Trustees

I. GENERAL RECOMMENDATIONS (continued)

I. Establishment of Willard M. Kiplinger  
Chair in Public Affairs Reporting

During the past two years, The Kiplinger Foundation, Inc., of Washington, D. C., has contributed \$200,000 to The Ohio State University to establish the Willard M. Kiplinger Professorship of Public Affairs in Journalism. Earlier this year, the officers and trustees of The Kiplinger Foundation, Inc., announced their decision to increase over a period of time the funding in this endowment account to a minimum level of \$500,000.

Therefore, in consideration of this commitment by The Kiplinger Foundation, Inc., for an additional \$300,000, President Fawcett recommended that the above-identified Professorship be redesignated the Willard M. Kiplinger Chair in Public Affairs Reporting.

Upon motion of Mr. Dorsey, seconded by Mr. Safford, the Board of Trustees by unanimous voice vote approved the establishment of the Willard M. Kiplinger Chair in Public Affairs Reporting.

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II. PERSONNEL CHANGES

Personnel changes since the May 5, 1972 meeting of the Board, as recorded in the official "Salary Roll" of the University, include the following Resignations; Promotions; Leaves of Absence Without Salary; Emeritus Titles; Chairmen of Departments, Academic Faculties, and Divisions; and Directors of Schools:

A. Resignations

President Fawcett expressed regret as he reported to the Board the recent resignation of three key administrators.

Bernard J. Lachner has resigned his position as Vice President for Administrative Operations to accept a position as President of the Evanston Hospital Association, Evanston, Illinois.

Leslie E. McDonald has resigned his position as Dean of the College of Veterinary Medicine to return to a position at the University of Georgia.

John A. Prior has resigned his position as Dean of the College of Medicine to return to full-time teaching and research in the Department of Medicine.

All three resignations are effective June 30, 1972.

June 2, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

B. Promotions

President Fawcett recommended the appointments of the following two Acting Deans to enable the University to follow the established procedures in selecting replacements for Dean McDonald and Dean Prior.

Robert J. Atwell from Director of the School of Allied Medical Professions and Professor in the Department of Medicine to Acting Dean of the College of Medicine and Professor in the Department of Medicine, effective July 1, 1972, at a salary of \$35,088.00 per annum.

C. Roger Smith from Chairman and Professor in the Department of Veterinary Physiology and Pharmacology to Acting Dean of the College of Veterinary Medicine and Professor in the Department of Veterinary Physiology and Pharmacology, effective July 1, 1972, at a salary of \$31,212.00 per annum.

President Fawcett said he hoped to be able to recommend to the Board for consideration at an early date the appointment of a person as Acting Vice President for Administrative Operations.

President Fawcett then recommended the following promotion:

Ronald L. St. Pierre from Associate Professor in the Department of Anatomy to Associate Professor and Chairman of the Department of Anatomy, effective July 1, 1972, at a salary of \$24,048.00 per annum.

C. Leaves of Absence Without Salary

Walter B. Emery, Professor, Department of Speech Communication, effective October 1, 1972 through September 30, 1973, to serve as Visiting Professor at the University of Massachusetts.

Felix P. Kollaritsch, Professor, College of Administrative Science - Academic Faculty of Accounting, effective October 1, 1972 through September 30, 1973, to serve as Visiting Professor at the University of Florida.

Joan M. Webber, Professor, Department of English, effective October 1, 1972 through September 30, 1973, to serve as Visiting Professor at the University of Washington.

Nancy E. Robinson, Instructor, Cooperative Extension Service, effective July 1, 1972 through June 30, 1973, to continue her program of professional improvement at the University of Maryland.

June 2, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

C. Leaves of Absence Without Salary (continued)

Darnell Williams, Instructor, Department of English, effective October 1, 1972 through September 30, 1973, to complete his Ph.D. degree.

D. Emeritus Titles

Agnes M. Gordon, Academic Faculty of Accounting, with the title Professor Emeritus, effective July 1, 1972.

Lyle S. Pettit, College of Dentistry, with the title Professor Emeritus, effective July 1, 1972.

Everett C. Shimp, School of Social Work, with the title Professor Emeritus, effective July 1, 1972.

Earl P. Carter, Marion Regional Campus, with the title Assistant Professor Emeritus, effective July 1, 1972.

Elizabeth Brown, Cooperative Extension Service, with the title Instructor Emeritus (County Extension Agent, Home Economics), effective June 1, 1972.

E. Chairmen of Departments, Academic Faculties, and Divisions and Directors of Schools

Appointment of the following persons to four-year terms as Department Chairmen and Directors of Schools, effective July 1, 1972 through June 30, 1976, unless otherwise indicated:

Aeronautical and Astronautical

Engineering  
Anesthesiology  
Biochemistry  
Biophysics  
Classics  
Computer and Information Science  
Dairy Science  
Engineering Graphics  
Genetics  
Geodetic Science  
Mechanical Engineering  
Metallurgical Engineering  
Music, School of  
Pediatrics  
Pharmacology  
Philosophy  
Physiology  
Romance Languages and Literatures  
Surgery

Garvin L. Von Eschen  
William Hamelberg  
George Serif  
Leo Lipetz  
Mark P. Morford  
Marshall Yovits  
Noland Van Demark  
Paul Yarrington  
J. Bruce Griffing  
Urho A. Uotila  
Donald Glower  
Mars G. Fontana  
Harold T. Luce  
Bruce D. Graham  
Bernard H. Marks  
Robert Turnbull  
Robert C. Little  
David Griffin  
Robert M. Zollinger\*

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\* Term July 1, 1972 through June 30, 1974.

June 2, 1972 meeting, Board of Trustees

II. PERSONNEL CHANGES (continued)

E. Chairmen of Departments, Academic Faculties, and Divisions and Directors of Schools (continued)

Appointment of the following persons to four-year terms as Department Chairmen, effective October 1, 1972 through September 30, 1976:

Chemical Engineering	Aldrich Syverson
Speech Communication	Keith Brooks

Appointment of the following persons to four-year terms as Chairmen of Academic Faculties, effective July 1, 1972 through June 30, 1976, unless otherwise indicated:

Curriculum and Foundation	Jack Frymier
Exceptional Children	Thomas Stephens
Humanities Education	Robert Jewett
Industrial Technology	Donald Lux
Science and Math Education	Robert Howe
Vocational and Technical Education	Robert Reese*

Appointment of the following persons to one-year terms as Chairmen of Divisions, effective July 1, 1972 through June 30, 1973:

Art	Francis Ruzicka
Art Education	Kenneth Marantz
Comparative Literature and Languages	Wayne Lawson
Dance	Helen P. Alkire
Design	Charles Wallschlaeger
History of Art	Franklin Ludden
Public Administration	Clinton V. Oster

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\* Term July 1, 1972 through June 30, 1973.

President Fawcett recommended that the foregoing Resignations, Promotions, Leaves of Absence Without Salary, Emeritus Titles, Appointment of Chairmen of Departments, Academic Faculties, and Divisions, and Directors of Schools, Promotions in Academic Rank, and the personnel budget actions as recorded in the "Salary Roll" of the University be approved.

Upon motion of Mr. Harrod, seconded by Mr. Hilliker, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote, and the Secretary was instructed to file these changes in the "Salary Roll," an official document of the University.

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III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS

A. The Ohio State University and  
The Ohio State University Research Foundation

SUMMARY

(April 13, 1972 - May 12, 1972)

	No. of Projects	Gross Value
<u>Contracts</u>		
Government Research - Federal	4	\$ 432,392.00
Industrial and Other Research	2	16,900.00
<u>Grants</u>		
Government Research - Federal	30	1,150,558.00
Government Research - State	<u>2</u>	<u>278,808.00</u>
Totals	38	\$1,878,658.00

In accordance with the Memorandum of Agreement between The Ohio State University and The Ohio State University Research Foundation approved by this Board on April 11, 1968, the President recommended that the projects administered through the Research Foundation (a brief description of each appearing on the following pages) be approved and recorded in the minutes of this meeting.

Upon motion of Mr. Safford, seconded by Mr. Gushman, the research agreements between The Ohio State University and The Ohio State University Research Foundation for the above contracts and grants were approved by unanimous voice vote.

June 2, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

1. Government Research Contracts - Federal

- a. U. S. Atomic Energy Commission, Chicago Operations Office, Argonne, Illinois, Electrotransport in Liquid Metals (to be known as Project No. 2818-C - Mod. #1-2 - Department of Metallurgical Engineering).  
Gross Value - \$37,972.00.
- b. Department of State, Agency for International Development, Washington, D. C., Analysis of Capital Formation and Technological Innovation at the Farm Level in LDCs (to be known as Project No. 2871 - Amend. #6 - Department of Agricultural Economics and Rural Sociology).  
Gross Value - \$280,000.00.
- c. Department of Air Force, Air Force Systems Command, Rome Air Development Center, Griffiss Air Force Base, New York, Investigation of Laser Propagation Phenomena (to be known as Project No. 3432-A1 - New - Department of Electrical Engineering).  
Gross Value - \$75,000.00.
- d. Department of Navy, Office of Naval Research, Arlington, Virginia, The Analysis of Tactics (to be known as Project No. 3434-A1 - New - College of Administrative Science - Academic Faculty of Management Science and Department of Mathematics).  
Gross Value - \$39,420.00.

TOTAL - Government Research Contracts - Federal \$432,392.00

2. Industrial and Other Research Contracts

- a. Steel Founders' Society of America, Westview Towers, Rocky River, Ohio, Ferrite Control in Corrosion Resistant Steel Castings (to be known as Project No. 350-C - New - Department of Metallurgical Engineering).  
Gross Value - \$6,000.00.
- b. American Iron and Steel Institute, New York, New York, Vapor Pressures of Iron Alloys (to be known as Project No. 3442-A1 - New - Department of Metallurgical Engineering).  
Gross Value - \$10,900.00.

TOTAL - Industrial and Other Research Contracts - \$16,900.00

June 2, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal

- a. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Anabolic Control in Normal and Neoplastic Tissues (to be known as Project No. 1571-H - Ext. #8 - Department of Biochemistry).  
Gross Value - \$34,157.00.
- b. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Blood PO<sub>2</sub> - Artery QO<sub>2</sub> Relationship and Atherosclerosis (to be known as Project No. 1800-H - Ext. #8 - Department of Physiology).  
Gross Value - \$15,580.00.
- c. Department of Health, Education and Welfare, Public Health Service, Food and Drug Administration, Rockville, Maryland, Hydrophilic Colloid Interactions in Foods (to be known as Project No. 2037-G - Ext. #7 - Department of Food Science and Nutrition).  
Gross Value - \$22,615.00.
- d. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Cancer Institute, Bethesda, Maryland, Biochemistry of Nitrosourea Induced Brain Tumors (to be known as Project No. 2069-G - Ext. #7 - Department of Medicine).  
Gross Value - \$37,406.00.
- e. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Structural Investigations on Glycosaminoglycans (to be known as Project No. 2516-E - Ext. #5 - Department of Chemistry).  
Gross Value - \$37,504.00.
- f. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, The Pathogenesis of Lipid Accretion in Atheromatosis (to be known as Project No. 2642-B - Ext. #3 - Department of Pathology).  
Gross Value - \$32,958.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- g. Department of Air Force, Air Force Systems Command, Air Force Office of Scientific Research, Arlington, Virginia, Transport Phenomena in Highly Ionized Shock Heated Gases as Related to Reentry Aerodynamics (to be known as Project No. 2785 - Mod. #AFOSR-69-1759C - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$20,000.00.
- h. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Enzyme Catalysis of Electron and Group Transfer (to be known as Project No. 2811-B - Rev. Award Dated 4/11/72 - Department of Chemistry).  
Gross Value - \$882.00.
- i. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Metabolic Diseases, Bethesda, Maryland, Enzyme Catalysis of Electron and Group Transfer (to be known as Project No. 2811-C - Ext. #3 - Department of Chemistry).  
Gross Value - \$36,509.00.
- j. Department of Air Force, Air Force Office of Scientific Research, Arlington, Virginia, Ignition and Combustion and Subsonic and Supersonic Flowing Combustible Mixtures (to be known as Project No. 3000-A1 - Mod. #AFOSR-70-1902B - Department of Aeronautical and Astronautical Engineering).  
Gross Value - \$40,000.00.
- k. Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, National Institute of Mental Health, Bethesda, Maryland, Individual Differences in Psychogenic Responses (to be known as Project No. 3024-A3 - Ext. #2 - Department of Psychiatry).  
Gross Value - \$41,986.00.
- l. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Neurological Diseases and Stroke, Bethesda, Maryland, Stereochemical Studies of Adrenergic Drugs (to be known as Project No. 3034-A3 - Ext. #2 - College of Pharmacy).  
Gross Value - \$9,302.00.



III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- m. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Institute of Arthritis and Infectious Diseases, Bethesda, Maryland, Diagnosis and Control of Mammalian Nosematosis (to be known as Project No. 3042-A3 - Ext. #2 - Department of Veterinary Pathology).  
Gross Value - \$29,266.00.
- n. National Science Foundation, Washington, D. C., The Cartier Operator of Special Hypersurfaces and the Invariants of the Varieties (to be known as Project No. 3052-A1 - Amend. #1 - Department of Mathematics).  
Gross Value - \$5,700.00.
- o. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Division of Research Resources, Bethesda, Maryland, Biomedical Sciences Support Grant (to be known as Project No. 3053-A3 - Ext. #2 - Graduate School).  
Gross Value - \$61,516.00.
- p. National Science Foundation, Washington, D. C., Mechanized Information Center (to be known as Project No. 3182-A1 - Amend. #1 - University Libraries).  
Gross Value - \$276,464.00.
- q. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, Bureau of Health Man-power Education, Division of Nursing, Bethesda, Maryland, The Leadership Role of the Nurse (to be known as Project No. 3204-A2 - Ext. #1 - School of Nursing).  
Gross Value - \$37,621.00.
- r. National Aeronautics and Space Administration, Goddard Space Flight Center, Greenbelt, Maryland, The Direct Combination of Satellite and Gravity Data (to be known as Project No. 3210-A1 - Sup. #1 - Department of Geodetic Science).  
Gross Value - \$15,000.00.
- s. National Science Foundation, Washington, D. C., Studies of Glaciers in the South Shetland Islands (to be known as Project No. 3231-A1 - Amend. #1 - Institute of Polar Studies).  
Gross Value - \$2,700.00.

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- t. Department of Health, Education and Welfare, Public Health Service, National Institutes of Health, National Heart and Lung Institute, Bethesda, Maryland, Aortic Function (to be known as Project No. 3236-A2 - Ext. #1 - Department of Physiology).  
Gross Value - \$24,228.00.
- u. National Science Foundation, Washington, D. C., Early German Medical and Chemical Works (to be known as Project No. 3241-A1 - Amend. #1 - Departments of German and Chemistry).  
Gross Value - \$5,300.00.
- v. Department of Health, Education and Welfare, Social Security Administration, Baltimore, Maryland, Disability in the United States (to be known as Project No. 3246-A2 - Ext. #1 - College of Law).  
Gross Value - \$56,258.00.
- w. Department of Army, U. S. Army Research Office - Durham, Duke Station, Durham, North Carolina, Early Stages of Phase Transformation (to be known as Project No. 3420-A1 - New - Department of Metallurgical Engineering).  
Gross Value - \$26,998.00.
- x. National Science Foundation, Washington, D. C., Conformational Studies Using Nuclear Magnetic Resonance (to be known as Project No. 3440-A1 - New - Department of Chemistry).  
Gross Value - \$34,100.00.
- y. Department of Health, Education and Welfare, Social and Rehabilitation Service, Office of Research and Demonstrations, Washington, D. C., Service Organizations and Clients (to be known as Project No. 3441-A1 - New - Office of Academic Affairs, Mershon Center for Education in National Security).  
Gross Value - \$77,608.00.
- z. National Science Foundation, Washington, D. C., Conformational Analysis of Cyclic and Acyclic Sugars and Their Derivatives (to be known as Project No. 3443-A1 - New - Department of Chemistry).  
Gross Value - \$35,000.00.
- aa. National Science Foundation, Washington, D. C., Interpretations of Macromolecular Interactions (to be known as Project No. 3445-A1 - New - Department of Biochemistry).  
Gross Value - \$40,000.00.

June 2, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

A. The Ohio State University and  
The Ohio State University Research Foundation

3. Government Research Grants - Federal (continued)

- bb. National Science Foundation, Washington, D. C., Operator Ergodic Theory (to be known as Project No. 3447-A1 - New - Department of Mathematics).  
Gross Value - \$19,000.00.
- cc. National Science Foundation, Washington, D. C., Wave Propagation in Heterogeneous Materials (to be known as Project No. 3448-A1 - New - Department of Physics).  
Gross Value - \$32,800.00.
- dd. National Science Foundation, Washington, D. C., Environmental Influences on Stability of Soil Masses (to be known as Project No. 3449-A1 - New - Department of Civil Engineering).  
Gross Value - \$42,100.00.

TOTAL - Government Research Grants - Federal \$1,150,558.00

4. Government Research Grants - State

- a. State of Ohio, Department of Health, Columbus, Ohio, Newborn Care - Special Project (to be known as Project No. 2052-F1 - New - Department of Pediatrics).  
Gross Value - \$10,452.00.
- b. State of Ohio, Ohio Industrial Relations Department, Columbus, Ohio, To Study, Evaluate and Develop a State of Ohio Plan for Occupational Safety and Health Act (1970) (to be known as Project No. 3439-A1 - New - College of Administrative Science, Division of Continuing Education).  
Gross Value - \$268,356.00.

TOTAL - Government Research Grants - State \$278,808.00

June 2, 1972 meeting, Board of Trustees

III. RESEARCH CONTRACTS, RESEARCH GRANTS AND AGREEMENTS (continued)

B. The Report of the Research Contract  
from the Engineering Experiment Station

SUMMARY

(Period: April 13, 1972 - May 11, 1972)

	No. of Projects	Gross Value
Government Research Contract	1	\$21, 240. 00

The Engineering Experiment Station of The Ohio State University entered into the following research contract. This research contract was reported to the Board of Trustees for information and the record.

1. Government Research Contract

EES 411X      Field Evaluation of Sand-Drain Construction, Ohio  
Department of Highways, Columbus, Ohio.  
Gross Value - \$21, 240. 00.

June 2, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS

SUMMARY

(Period: April, 1972)

<u>Grants</u>	
Office of Finance and Treasurer	\$1,064,295.00

<u>Gifts</u>	
The Ohio State University Development Fund	

	Number of Gifts	Amount
Alumni	1,443	\$ 62,628.17
Individuals Other than Alumni	264	20,811.96
Business Concerns	16	43,297.85
Foundations and Nonprofit Organizations	<u>35</u>	<u>40,595.80</u>
Totals	1,758	\$ 167,333.78

The grants as itemized on the following pages were among those received since the last meeting and were reported for the record. The Ohio State University Development Fund items include the establishment of a named fund and a specific listing of some of the many gifts received.

Upon motion of Mr. Safford, seconded by Dr. Sirak, the acceptance of the grants and gifts and the establishment of the named fund was approved by unanimous voice vote, and the Secretary was instructed to include the report in the minutes of this meeting.

June 2, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer

1. \$645,360.00 granted by Department of Health, Education and Welfare, Office of Education, Bureau of Higher Education, Washington, D. C., to the University for support of the Educational Opportunity Grants Program, for the period July 1, 1972 through June 30, 1973. (NIH Grantee No. 766505)
2. \$133,004.00 additional grant by Department of Health, Education and Welfare, Public Health Service, Health Services and Mental Health Administration, Regional Medical Programs Service, Rockville, Maryland, to the University for support of the Ohio State Regional Medical Program, under the direction of the College of Medicine, for the period July 1, 1970 through August 31, 1972. (Grant No. 5 G03 RM 00022-02A4)
3. \$83,106.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Otolaryngology and Audiology - Training Grant, under the direction of the Department of Otolaryngology, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 NS05397-10)
4. \$28,385.00 granted by The University of Tennessee, Knoxville, Tennessee, to the University for support of Dr. Ralph J. Woodin, Professor, Department of Agricultural Education, The Ohio State University, to serve as Professor and Interim Department Head, Department of Vocational-Technical Education at The University of Tennessee, for the period July 1, 1972 through June 30, 1973.
5. \$26,802.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Special Purpose Traineeship Grant, under the direction of the School of Allied Medical Professions, for the period July 1, 1972 through June 30, 1973. (Grant No. 2 A04 AH00022-04)
6. \$25,226.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Electropharmacological Control of Cardiac Function - Development Award-Research Career Program, under the direction of the Department of Pharmacology, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 K03 HL11929-09)
7. \$19,925.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Allied Health Advanced Traineeship - Occupational Therapy, under the direction of the School of Allied Medical Professions, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 A02 AH00204-01)

June 2, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

8. \$18,902.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Allied Health Advanced Traineeship - Medical Technology, under the direction of the School of Allied Medical Professions, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 A02 AH00203-01)
9. \$18,175.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Allied Health Advanced Traineeship - Physical Therapy, under the direction of the School of Allied Medical Professions, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 A02 AH00205-01)
10. \$17,750.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Allied Health Advanced Traineeship - Physical Therapy, under the direction of the School of Allied Medical Professions, for the period July 1, 1972 through June 30, 1973. (Grant No. 1 A02 AH00202-01)
11. \$12,171.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Occupational Health - Training Grant, under the direction of the Department of Preventive Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 T01 OH00018-10)
12. \$11,792.00 granted by Department of Health, Education and Welfare, Office of Education, Washington, D. C., to the University for support of a Graduate Educational Research Training Program, under the direction of the Department of Sociology, for the period September 1, 1972 through August 31, 1973. (Grant No. OEG-0-71-3532)
13. \$9,771.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of General Preventive Medicine - Residency Traineeship, under the direction of the Department of Preventive Medicine, for the period July 1, 1972 through June 30, 1973. (Grant No. 5 A08 AH00080-03)
14. \$7,938.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Chicago, Illinois, to the University for support of a Workshop on Adaptive Behavior, under the direction of the Nisonger Center, for the period May 1, 1972 through June 30, 1972. (Grant No. 55-P-25269/5-01)

June 2, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

A. Office of Finance and Treasurer (continued)

15. \$2,855.00 granted by Department of Health, Education and Welfare, Social and Rehabilitation Service, Chicago, Illinois, to the University for support of a Seminar on Data Collection and Analysis, VR/PA - Rehabilitation S/T Training, under the direction of the School of Social Work, for the period April 27, 1972 through July 27, 1972. (Grant No. 44-P-25272/5-01)
16. \$1,883.00 granted by Department of Health, Education and Welfare, Public Health Service, Bethesda, Maryland, to the University for support of Medical Student Apprenticeship Training - Training Grant, under the direction of the Department of Preventive Medicine, for the period March 1, 1972 through February 28, 1973. (Grant No. 5 A07 AM00209-05)
17. \$1,250.00 granted by the State of Ohio, Department of Urban Affairs, Human Resources Division, Columbus, Ohio, to the University for a training program for approximately 50 Ohio City Managers, under the direction of the College of Administrative Science, for the period May 24, 1972 through May 26, 1972.

B. The Ohio State University Development Fund

1. \$15,000.00 from Foundation for Endowment of a Chair to fund the Meshulam Riklis Chair in Business and Its Environment.
2. \$10,000.00 from Buick Motor Division of General Motors, Flint, Michigan, to support a study under the direction of Professors T. H. Rockwell and W. T. Morris of the Department of Industrial Engineering and entitled "The Feasibility of a Relative Braking Distance Aid in Driving."
3. \$8,400.00 from the Trust Under the Will of Anna Roessler, Columbus, Ohio, for scholarships in the College of Medicine.
4. \$7,500.00 from National/Ohio 4-H Foundation Campaign for its fund.
5. \$5,872.61 from Ohio Tuberculosis and Respiratory Disease Association, Columbus, Ohio, for research in pulmonary and respiratory care.
6. \$5,650.00 from G. D. Searle and Company, Chicago, Illinois, for gastrointestinal cancer research.
7. \$5,000.00 from Robert H. Fergus, Dublin, Ohio, to establish an Aviation Loan Fund.



June 2, 1972 meeting, Board of Trustees

IV. GRANTS AND GIFTS (continued)

C. Establishment of New Fund from Previously Reported Gift

Norman W. Woelfel Memorial Cancer Research Fund

The Norman W. Woelfel Memorial Cancer Research Fund was established April 7, 1972, by the Board of Trustees of The Ohio State University with a gift through The Ohio State University Development Fund from Florence C. Woelfel (Mrs. Norman W. Woelfel), Columbus, Ohio, in memory of her late husband, Norman W. Woelfel, of Columbus, Ohio.

The gift is to be invested in the University's Permanent Endowment Fund, under the rules and regulations adopted by the Board of Trustees of the University, with the right to invest and reinvest as occasion dictates.

The annual income is to be used for cancer research in the College of Veterinary Medicine.

Should the need for this research cease to exist or so diminish as to provide unused income, or should the College of Veterinary Medicine cease to exist, through any reorganization of the University, then the income may be used for any purpose whatsoever as determined by the Board of Trustees, with preference being given to the recommendations of the appropriate administrative official of the University who is then directly responsible for veterinary medical education and research.

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V. EXTRA AND CREDIT ORDERS TO CONTRACTS

On July 13, 1967, the Board of Trustees authorized the Vice President for Business and Finance (now the Vice President for Administrative Operations) to approve change orders which were necessary to expedite completion of construction projects. In accordance with this authorization all extra and credit orders to contracts which have been completed were reported:

A. Sisson Hall - Remodeling for Offices and Laboratories

<u>Original Contract Cost</u>	<u>Total Construction Cost</u>	<u>Total Change Order Cost</u>
\$66,935.00	\$68,169.00	\$1,234.00

Revisions were made to allow greater flexibility in the piping system.

Funds for this project have been provided from Budget Account 801212 (Sisson Hall Remodeling).

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the above extra and credit order to contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations was ratified by unanimous roll call vote.

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VI. PLANS AND SPECIFICATIONS

At the request of the Vice President for Administrative Operations, President Fawcett recommended that the plans and specifications, bills of materials, and estimates of cost for the following projects be approved by the Board of Trustees:

A. Goss Laboratory, Partial Remodeling

This project involves the complete renovation of existing office and laboratory space. Remodeling is to be accomplished in two phases, so there will be no interruption of teaching and research obligations and activities.

Funds for this project will be provided from Budget Account 801183 (Goss Laboratory Remodeling) and a Federal Grant. The complete approval of this project will be contingent upon receipt of this Grant.

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the above recommendation was approved by unanimous roll call vote and contingent upon receipt of Federal Grant the Secretary was authorized and directed to sign the plans and specifications for the above project for and on behalf of the Board of Trustees. Vice President Lachner was directed to proceed with a request for bids in the normal University manner and if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

B. Stillman Hall Improvements

Revisions to second floor and basement for faculty offices and seminar areas and appropriate electrical system changes are necessary.

Funds for this project will be provided from Budget Account 801260 (Stillman Hall Improvements) and House Bill 531, Item 315-074 and House Bill 988, Item 315-074.

C. Undergraduate Library and Service Center (Joseph Sullivant Hall) - Roof and Parapet Wall Repairs

This project provides a new roof for the existing one which is badly deteriorated.

Funds for this project will be provided from Budget Account 801095 (Federal recoveries from various projects set aside for the Undergraduate Library).

Upon motion of Mr. Hilliker, seconded by Mr. Harrod, the above recommendations were approved by unanimous roll call vote and the Secretary was authorized and directed to sign the plans and specifications for the above projects for and on behalf of the Board of Trustees. Vice President Lachner was directed to proceed with a request for bids in the normal University manner and, if satisfactory bids are received, to proceed with the award of contracts. All action regarding this matter will be reported to the Board of Trustees at a later meeting.

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June 2, 1972 meeting, Board of Trustees.

## VII. REPORT OF AWARD OF CONTRACTS

In accordance with authorization provided by the Board of Trustees, bids were taken on the projects listed below and the contracts were recommended for award. The action reported to the Board was as follows:

### A. Airport Development - 1971

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>General Contract</u>		
(3 bids received 5-5-72)		
B. G. Danis Company (Dayton)		
Base bid	\$606,461.38	\$1,039,146.00
Alt. G-1 Hard Stand Phase 1	+ 86,095.31	+ 116,285.00
Alt. G-2 Hard Stand Phase 2	+ 51,701.80	+ 71,557.00
Alt. G-3 Ramp Between Fire Station and ODA Hangar	+ 35,074.74	+ 42,884.00
Alt. G-4 Fence Phase 1	+ 30,357.28	+ 47,884.00
Alt. G-5 Fence Phase 2	+ 26,103.20	+ 41,095.00
Alt. G-6 Overlayment of Taxiway	+ 12,855.30	+ 17,610.00
Total Contract	<u>\$848,649.01</u>	<u>\$1,376,461.00</u>
<u>Electrical Contract</u>		
(5 bids received 5-5-72)		
Jess Howard Electric Co. (Columbus)		
Base bid	\$ 75,903.78	\$ 115,605.00
Alt. A-1 Visual Approach VASI-4	+ 17,772.00	+ 20,000.00
Alt. A-2 Visual Approach VASI-2	+ 13,189.00	+ 10,000.00
Alt. A-3 Lights for Existing Runway	+ 8,700.43	+ 12,753.00
Alt. A-4 Emergency Generator Switch	+ 2,374.00	+ 2,700.00
Alt. A-5 Phase 1 Lighting	+ 2,766.00	+ 2,160.00
Alt. A-6 Phase 2 Lighting	+ 741.00	+ 350.00
Alt. A-7 Remove Existing Lights	+ 93.50	+ 225.00
Total Contract	<u>\$121,539.71</u>	<u>\$ 163,793.00</u>
Total All Contracts	<u>\$970,188.72</u>	<u>\$1,540,254.00</u>

Funds for this project have been provided from Budget Account 801249 (Airport Development - 1971 - Federal Grant No. 8-39-0027-01, Federal Aviation Administration Federal Aid Program Airport Development).

June 2, 1972 meeting, Board of Trustees

VII. REPORT OF AWARD OF CONTRACTS (continued)

B. Biological Sciences Building, Air Condition Rooms 116, 120, 127 & 129

	<u>Low Bid</u>	<u>Est. of Cost</u>
<u>Heating, Ventilating, and Air</u> <u>Conditioning Contract</u> (5 bids received 5-22-72) J. A. Guy, Inc. (Dublin)	\$ 15,300.00	\$ 18,064.00

Funds for this project have been provided from Budget Account 801137  
(Biological Sciences Building).

Upon motion of Mr. Harrod, seconded by Mr. Safford, the above award of contracts and expenditure of funds were approved and the action of the Vice President for Administrative Operations ratified by unanimous roll call vote.

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VIII. CONTROLLING BOARD REQUEST

Each numbered request shown below accomplished the following purpose:

- 11 Approved the purchase of property described as being 63.157 + acres, in Perry Township, Franklin County, from the Board of Trustees of The Ohio State University at a cost of \$238,618.00.

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IX. RESOLUTIONS IN MEMORIAM

President Fawcett reported to the Board the deaths of Ralph M. Patterson, Professor Emeritus in the Department of Psychiatry; Alice Pressey, Associate Professor Emeritus in the School of Home Economics; and Robert Frederick Miller, Associate Professor in the Department of Industrial Engineering. In accordance with the instructions of the Board of Trustees, copies of the following resolutions expressing on behalf of the University the sorrow and sympathy of the Board will be furnished the families of the deceased.

A. Ralph M. Patterson, M.D.

The Board of Trustees of The Ohio State University expresses its sorrow at the death on April 4, 1972, of Ralph M. Patterson, Professor Emeritus in the Department of Psychiatry.

Under Ralph Patterson's Chairmanship, the Department of Psychiatry came a very long way at The Ohio State University, College of Medicine. When he came to the University in 1951 from the University of Michigan, he became the first Chairman of the Department of Psychiatry. Under his leadership the clinical clerkship in psychiatry expanded from a total

IX. RESOLUTIONS IN MEMORIAM (continued)

A. Ralph M. Patterson, M.D. (continued)

of two half-days to a full-time rotation of two months, equal to that of any other major specialty. From a start without any inpatient beds at all, psychiatry catapulted to 125 beds. The outpatient clinic which had met one half-day a week, blossomed into a large, full-time operation. The new Department found modern housing in a separate, specially-equipped building where Dr. Patterson managed to assemble an excellent multi-disciplinary team. When he started here, there were no residents in psychiatry at Ohio State. By 1965 when he relinquished the Chairmanship, some twenty residents were currently in training. The faculty likewise grew to impressive proportions. Beginning in 1951 with no full-time faculty, the Department by 1965 had reached twenty-two psychiatrists in clinical work--eleven of them full time--and in addition, there were eleven more full-time faculty primarily devoted to research. At the time of Dr. Patterson's retirement in 1971, the alumni and faculty organization of the Department had roughly 150 members, all of whom--residents or faculty--had worked with Dr. Patterson during the twenty years of his tenure. It isn't easy, even for the initiated, to imagine the strenuous effort needed to accomplish what these bare statistics only imply.

Just one year ago, some 250 people were assembled to honor the retiring Professor. At a day devoted to scientific presentation, nineteen papers were gathered in a Festschrift, which is now in print. This was the last fruition of a research division which Dr. Patterson had founded and fostered and which had achieved world-wide renown. The astonishing number of 750 scientific publications had resulted from the work of this group of researchers during a 12-year span. The whole range of basic disciplines relevant to psychiatry were represented, true to Dr. Patterson's open-minded eclecticism: the anatomical substrates of the mind, the biochemical correlates of behavior, neuropathology, much clinical psychiatric work, psychological studies, and sociological application all were pursued here under Dr. Patterson's aegis.

Dr. Patterson himself co-authored a textbook on eclectic psychiatry through which his influence reached far beyond the confines of central Ohio. He was also active in state-wide, national and international scientific organizations, reaching positions of honor and distinction.

In Dr. Patterson there culminated a rare family tradition that had started with his grandfather who had been a practicing physician in Franklin County and continued with his father, a graduate of the old Starling-Loving Medical College. The loss of this Professor Emeritus leaves a gap in the ranks of the University community, and of the medical profession especially. But he himself saw to it that it would not be disruptive to the work to which he was devoted so sincerely. The Department of Psychiatry, its alumni and faculty are a living and growing testimonial to Ralph Patterson, the founding father of psychiatry at The Ohio State University.

June 2, 1972 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

A. Ralph M. Patterson, M.D. (continued)

On behalf of The Ohio State University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

B. Alice Pressey

The Board of Trustees of The Ohio State University expresses its sorrow at the death on May 5, 1972, of Alice D. Pressey, Associate Professor Emeritus, School of Home Economics.

Mrs. Pressey was born in Cincinnati, Ohio, December 2, 1890. She received her B.Sc. and M.Sc. degrees from Columbia University in 1913 and 1924 respectively. Mrs. Pressey taught high school home economics in Columbus and Dayton for 6 years. In 1919 she joined the staff of the School of Home Economics as an Instructor, rose to the rank of Assistant Professor in 1924, and became Associate Professor in 1945. From 1926 until her retirement in 1952 Mrs. Pressey was Head of the Home Economics Education Department. She pioneered in the teaching and supervision of home economics student teachers.

Mrs. Pressey was a life member of Phi Lambda Theta and a 50 year member of Kappa Delta. She was active in the American Vocational Association, the Ohio Home Economics Association, and the American Home Economics Association.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family of Mrs. Pressey as a humble expression of the Board's heartfelt sympathy in its bereavement.

C. Robert Frederick Miller

The Board of Trustees of The Ohio State University expresses its sorrow at the death on May 16, 1972, of Robert Frederick Miller, Associate Professor in the Department of Industrial Engineering.

Dr. Miller was born in Continental, Ohio, on August 16, 1929. He received the Bachelor of Industrial Engineering degree from The Ohio State University in 1952. He worked for Kimble Glass Company in Columbus following his graduation and subsequently served as an officer in the United States Navy for two years. Upon his discharge, he undertook graduate work at this University, earning the Master of Science degree in 1957 and the Doctor of Philosophy degree in 1961.

June 2, 1972 meeting, Board of Trustees

IX. RESOLUTIONS IN MEMORIAM (continued)

C. Robert Frederick Miller (continued)

While in graduate school he served as an instructor and continued subsequently as a faculty member, attaining the rank of Associate Professor in 1965. His service to the University also included a period of three years as Assistant Dean and Secretary of the Graduate School.

Dr. Miller's teaching and research were in the areas of plant design and organization theory. He taught a key design course for senior students and introduced the course in organization theory which was taken by many graduate students. He served as a consultant in these fields to a number of Ohio companies. In addition, he devoted his talents to the improvement of the operation of the University, undertaking a variety of projects under the direction of the Vice President for Business and Finance.

Dr. Miller contributed to the work of many department and college committees and was asked by the President to chair a special study of course fees throughout the University in 1969. He was an active member of a large number of professional societies, taking a particular interest in the American Institute of Industrial Engineers and the Operations Research Society of America.

His particular skill combined an unusual ease with both highly abstract theory and real systems design problems. His work was characterized by a depth of exploration and a curiosity which served as a very high standard for the students who worked with him. His professional career won him wide respect both in industry and in the academic world.

On behalf of the University, the Board of Trustees expresses to the family its deep sympathy and sense of understanding in its loss. It was directed that this resolution be inscribed upon the minutes of the Board of Trustees and that a copy be tendered to the family as a humble expression of the Board's heartfelt sympathy in its bereavement.

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X. REPORTS

A. President Fawcett Reported Concerning  
Carroll County Agricultural Agent

At the last meeting, I was requested to review this University's recent decision concerning the termination of Mr. Z. L. Newsome as County Extension Agent in Carroll County. I can report to you that Director Kottman and Associate Director Orlo Musgrave recently held a meeting with several factions in Carroll County represented. After a full airing of the matter of the termination of Mr. Newsome as County Agent, it was agreed that this University would provide Mr. Newsome with a terminal contract for one year in order to enable him to secure other employment. This solution would appear to be agreeable to all parties concerned.

June 2, 1972 meeting, Board of Trustees

X. REPORTS (continued)

B. Report from the Finance and Investment Committee

1. Resolution Providing for the Sale of Land (63.157 Acres, Board of Trustees Lands East and West of Don Scott Field) to the State of Ohio

Mr. Safford presented the following recommendation:

At the request of this University and with the full concurrence of the Office of the Board of Regents, the Controlling Board of the State of Ohio on May 15, 1972, authorized the purchase of 63.157 acres by the State of Ohio for the sum of \$238,618 from the capital appropriation provided for the development of University Livestock Facilities authorized in House Bill 988 of the 108th General Assembly. The titles for this land, including a 42.817 acre parcel located on Case and Sawmill Roads and a 20.340 acre parcel located on Godown Road, are presently held in the Investment Portfolio of this Board.

Authority is requested for the President and/or Vice President for Administrative Operations to prepare the necessary legal documents and to execute the transfer of titles to these properties from the Investment Portfolio to the State of Ohio for use by this University upon payment of the above-mentioned price and that these funds be deposited in the Investment Portfolio.

Upon motion of Mr. Safford, seconded by Mr. Hilliker, the above recommendation was approved by unanimous roll call vote.

C. Report on the University's Investment Portfolio

The report dated June 2, 1972, as submitted to the Finance and Investment Committee of the Board of Trustees by Mr. Ernest W. Leggett pertaining to the University's Investment Portfolio, was received and ordered to be filed with the official records of the Board of Trustees.

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XI. RENAMING OF CENTER FOR TOMORROW

Chairman Eckley reported that Dick Mall had written to him on May 25 concerning an action which The Ohio State University Association had taken. Mr. Eckley quoted from the letter--

Therefore, the Alumni Advisory Board and the Board of Directors of The Ohio State University Association jointly and together respectfully petition the Board of Trustees to authorize the designation and naming of this building (this building being the one we are in today) as The Fawcett Center for Tomorrow and thus provide an enduring tribute to Novice G. Fawcett.



June 2, 1972 meeting, Board of Trustees

XI. RENAMING OF CENTER FOR TOMORROW (continued)

Mr. Shocknessy presented the following recommendation:

It would be a most fitting tribute to Novice G. Fawcett, in recognition of his more than sixteen years of distinguished and dedicated service as the eighth president of this University, to name in his honor the educational facility on this campus which best exemplifies his vision and dedication to the broadest concepts of education. While during his tenure as president, and largely through his leadership, The Ohio State University has invested over \$275 million in enlarging its physical facilities, there is one facility which exists solely because of President Fawcett's vision. He conceived its need; was personally involved in its development; and gave the leadership to the recruitment of the necessary financial resources for its construction. A facility dedicated to making all of the educational resources of this University available to the people of the state, the nation, and the world, thus it is a fitting tribute to rename it "The Novice G. Fawcett Center for Tomorrow." And it is now my pleasure to recommend this action.

Upon motion of Mr. Shocknessy, seconded by Dr. Sirak, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

President Fawcett responded as follows:

I have tried to analyze my feelings about this matter when the announcement was made at the Sunset Supper where I was completely taken back by one of the greatest surprises I have ever experienced in my life. I have been in education a long time and I have been involved in the construction of literally hundreds of buildings for educational programs. I must say, however, that I fell into a rather interesting trap in some of my responses to comments that evening at the Sunset Supper. Someone mentioned this building on that occasion and I remember saying that of all the buildings with which I had been involved this one came the closest in expressing my own personal philosophy. Then suddenly I heard a resolution read concerning the renaming of this facility which was somewhat embarrassing. I do sincerely feel very humble and I can assure you that you could not have chosen anything that would have touched me as deeply. I am very grateful to you gentlemen for violating your own rule in taking this action and, as long as I live and maybe a while after, there will be a little recollection on the part of others concerning what you have done this afternoon.

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June 2, 1972 meeting, Board of Trustees

XII. SALE OF PRESIDENT'S HOUSEHOLD FURNISHINGS

Mr. Safford presented the following recommendation:

I wish to propose that President Fawcett be authorized to purchase, at his own expense, certain household furnishings which are presently in the President's House, at a price established by averaging the individual appraisal made by three fully qualified independent appraisers.

Upon motion of Mr. Safford, seconded by Mr. Gushman, the Board of Trustees approved the foregoing recommendation by unanimous roll call vote.

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XIII. COMMITTEE APPOINTMENTS FOR 1972-1973

Mr. Eckley announced the following appointments to the various Committees and Boards for the 1972-1973 academic year:

Finance and Investment Committee

William C. Safford, Chairman  
Don M. Hilliker, Vice Chairman  
John H. Dunlap  
M. Merle Harrod

Retirement and Insurance Committee

John L. Gushman, Chairman  
Robert S. Dorsey, Vice Chairman  
Howard D. Sirak

Development Fund Board of Directors (one-year term)

Robert S. Dorsey  
Howard D. Sirak

Research Foundation Board of Directors  
(three-year term, July 1, 1970 - June 30, 1973)

John H. Dunlap

Association of Governing Boards of Universities and Colleges

James W. Shocknessy

Inter-University Council

James W. Shocknessy

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June 2, 1972 meeting, Board of Trustees

Thereupon the Board adjourned to meet Friday, July 7, 1972, at The Ohio State University, Columbus, Ohio, at 1:30 p.m.

Attest:

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Edward Q. Moulton  
Secretary

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Frederick R. Eckley  
Chairman

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APPENDIX XI

FEDERAL AVIATION AGENCY

Grant Agreement

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FEDERAL AVIATION AGENCY

GRANT AGREEMENT

Part 1-Offer

Date of Offer 17 MAY 1972

Ohio State University Airport

Project No. 8-39-0027-01

Contract No. DOT-FA-72-GL 6722

TO: Board of Trustees of the Ohio State University, Columbus, Ohio  
(herein referred to as the "Sponsor")

FROM: The United States of America (acting through the Federal Aviation Agency, herein referred to as the "FAA")

WHEREAS, the Sponsor has submitted to the FAA a Project Application dated 14 April 1972, for a grant of Federal funds for a project for development of the Ohio State University Airport (herein called the "Airport"), together with plans and specifications for such project, which Project Application, as approved by the FAA is hereby incorporated herein and made a part hereof; and

WHEREAS, the FAA has approved a project for development of the Airport (herein called the "Project") consisting of the following-described airport development:

Land reimbursement including clear zone (309 acres); construct, mark and light NE-SW taxiway (1400' X 50'), taxiway between R/W 27R approach end and north operational area (600' X 50'), connecting parallel taxiway to R/W 9R extension (1650' X 50') and taxiway connecting R/W 9L and 9R (2250' X 50'); construct 27R holding apron (approx. 945 SY), 9R holding apron (approx. 2695 SY), 9L holding apron (approx. 945 SY), itinerant parking apron (approx. 4000 SY and 6200 SY), and 27L holding apron (approx. 2695 SY); light existing R/W 5-23 as taxiway (2200'); construct, mark and light (MIRL) R/W 9L-27R (3000' X 100') including construction of 140' extension to R/W 14-32; construct, mark and light (HIRL) extension to west end of R/W 9R-27L (600' X 100'); light (MIRL) R/W 14-32 (3000'); overlay T/W D (666' X 50') and taxiway between R/W 27L and edge of Fire Building apron (3250' X 50'); construct and floodlight apron east of tee hangars (approx. 24,000 SY); construct two stub taxiways (75' X 40' and 80' X 40'); install perimeter fence (approx. 23,000 l.f.); install VASI-4 on R/W 9R-27L and VASI-2 on R/W 9L-27R.

all as more particularly described in the property map and plans and specifications incorporated in the said Project Application;

NOW THEREFORE, pursuant to and for the purpose of carrying out the provisions of the Federal Airport Act, as amended (49 U.S.C. 1101), and in consideration of (a) the Sponsor's adoption and ratification of the representations and assurances contained in said Project Application, and its acceptance of this Offer as hereinafter provided, and (b) the benefits to accrue to the United States and the public from the accomplishment of the Project and the operation and maintenance of the Airport as herein provided, THE FEDERAL AVIATION AGENCY, FOR AND ON BEHALF OF THE UNITED STATES, HEREBY OFFERS AND AGREES to pay, as the United States share of the allowable costs incurred in accomplishing the Project, 50 per centum of all such costs.

This Offer is made on and subject to the following terms and conditions:

1. The maximum obligation of the United States payable under this Offer shall be  
\$ 1,279,332
2. The Sponsor shall:
  - (a) begin accomplishment of the Project within ninety days after acceptance of this Offer or such longer time as may be prescribed by the FAA, with failure to do so constituting just cause for termination of the obligations of the United States hereunder by the FAA;
  - (b) carry out and complete the Project without undue delay and in accordance with the terms hereof, the Federal Airport Act, and Sections 151.45-151.55 of the Regulations of the Federal Aviation Agency (14 CFR 151) in effect as of the date of acceptance of this Offer; which Regulations are hereinafter referred to as the "Regulations";
  - (c) carry out and complete the Project in accordance with the plans and specifications and property map, incorporated herein, as they may be revised or modified with the approval of the FAA.
3. The allowable costs of the project shall not include any costs determined by the FAA to be ineligible for consideration as to allowability under Section 151.41 (b) of the Regulations.
4. Payment of the United States share of the allowable project costs will be made pursuant to and in accordance with the provisions of Sections 151.57 - 151.63 of the Regulations. Final determination as to the allowability of the costs of the project will be made at the time of the final grant payment pursuant to Section 151.63 of the Regulations: Provided, that, in the event a semi-final grant payment is made pursuant to Section 151.63 of the Regulations, final determination as to the allowability of those costs to which such semi-final payment relates will be made at the time of such semi-final payment.
5. The Sponsor shall operate and maintain the airport as provided in the Project Application incorporated herein and specifically covenants and agrees, in accordance with its Assurance 4 in Part III of said Project Application, that in its operation and the operation of all facilities thereof, neither it nor any person or organization occupying space or facilities thereon will discriminate against any person or class of persons by reason of race, color, creed or national origin in the use of any of the facilities provided for the public on the airport.
6. The FAA reserves the right to amend or withdraw this Offer at any time prior to its acceptance by the Sponsor.
7. This Offer shall expire and the United States shall not be obligated to pay any part of the costs of the Project unless this Offer has been accepted by the Sponsor on or before \_\_\_\_\_ or such subsequent date as may be prescribed in writing by the FAA.
8. The Sponsor hereby agrees that it will incorporate or cause to be incorporated into any contract for construction work, or modification thereof, as defined in the regulations of the Secretary of Labor at 41 CFR Chapter 60, which is paid for in whole or in part with funds obtained from the Federal Government or borrowed on the credit of the Federal Government pursuant to a grant, contract, loan, insurance, or guarantee, or undertaken pursuant to any federal program involving such grant, contract, loan insurance, or guarantee the following Equal Opportunity clause.



During the performance of this contract, the contractor agrees as follows:

- a. The contractor will not discriminate against any employee or applicant for employment because of race, color, religion, sex, or national origin. The contractor will take affirmative action to ensure that applicants are employed, and that employees are treated during employment without regard to their race, color, sex, or national origin. Such action shall include, but not be limited to the following: Employment, upgrading, demotion, or transfer; recruitment or recruitment advertising; layoff or termination, rates of pay or other forms of compensation; and selection for training, including apprenticeship. The contractor agrees to post in conspicuous places, available to employees and applicants for employment, notices to be provided setting forth the provisions of this nondiscrimination clause.
- b. The contractor will, in all solicitations or advertisements for employees placed by or on behalf of the contractor, state that all qualified applicants will receive consideration for employment without regard to race, color, religion, sex, or national origin.
- c. The contractor shall send to each labor union or representative of workers with which he has a collective bargaining agreement or other contract or understanding, a notice to be provided advising the said labor union or workers' representatives of the contractor's commitments under this section, and shall post copies of the notice in conspicuous places available to employees and applicants for employment.
- d. The contractor will comply with all provisions of Executive Order 11246 of September 24, 1965, and of the rules, regulations, and relevant orders of the Secretary of Labor.
- e. The contractor will furnish all information and reports required by Executive Order 11246 of September 24, 1965, and by rules, regulations, and orders of the Secretary of Labor, or pursuant thereto, and will permit access to his books, records, and accounts by the administering agency and the Secretary of Labor for purposes of investigation to ascertain compliance with such rules, regulations and orders.
- f. In the event of the contractor's noncompliance with the nondiscrimination clauses of this contract or with any of the said rules, regulations, or orders, this contract may be cancelled, terminated, or suspended in whole or in part and the contractor may be declared ineligible for further government contracts or federally assisted construction contracts in accordance with procedures authorized in Executive Order 11246 of September 24, 1965, and such other sanctions may be imposed and remedies invoked as provided in Executive Order 11246 of September 24, 1965, or by rules, regulations, or order of the Secretary of Labor, or as otherwise provided by law.

- g. The contractor will include the portion of the sentence immediately preceding paragraph a. and the provisions of paragraph a. through g. in every subcontract or purchase order unless exempted by rules, regulations, or orders of the Secretary of Labor issued pursuant to Section 204 of Executive Order 11246 of September 24, 1965, so that such provisions will be binding upon each subcontractor or vendor. The contractor will take such action with respect to any subcontract or purchase order as the administering agency may direct as a means of enforcing such provisions, including sanctions for noncompliance. Provided, however, that in the event a contractor becomes involved in, or is threatened with, litigation with a subcontractor or vendor as a result of such direction by the administering agency, the contractor may request the United States to enter into such litigation to protect the interests of the United States.

The Sponsor further agrees that it will be bound by the above Equal Opportunity clause with respect to its own employment practices when it participates in federally assisted construction work: Provided, that if the applicant so participating is a State or local government, the above Equal Opportunity clause is not applicable to any agency, instrumentality or subdivision of such government which does not participate in work on or under the contract.

The Sponsor agrees that it will assist and cooperate actively with the administering agency and the Secretary of Labor in obtaining the compliance of contractors and subcontractors with the Equal Opportunity clause and the rules, regulations, and relevant orders of the Secretary of Labor that it will furnish the administering agency with the Secretary of Labor such information as they may require for the supervision of such compliance, and that it will otherwise assist the administering agency in the discharge of the agency's primary responsibility for securing compliance.

The Sponsor further agrees that it will refrain from entering into any contract or contract modification subject to Executive Order 11246 of 24 September 1965, with a contractor debarred from, or who has not demonstrated eligibility for, government contracts and federally assisted construction contracts pursuant to the Executive Order and will carry out such sanctions and penalties for violation of the Equal Opportunity clause as may be imposed upon contractors and subcontractors by the administering agency or the Secretary of Labor pursuant to Part III, Subpart D, of the Executive Order. In addition, the Sponsor agrees that if it fails or refused to comply with these undertakings, the administering agency may take any or all of the following actions: Cancel, terminate, or suspend in whole or in part this grant (contract, loan, insurance, guarantee); refrain from extending any further assistance to the Sponsor under the program with respect to which the failure or refund occurred until satisfactory assurance of future compliance has been received from the Sponsor; or refer the case to the Department of Justice for appropriate legal proceedings.

9. The Sponsor hereby covenants and agrees that its financial records of the project, established, maintained and made available to personnel of the FAA in conformity to Section 151.55 of the Regulations of the Federal Aviation Agency (14 CFR 151) will also be available to representatives of the Comptroller General of the United States.

10. By its acceptance hereof, the Sponsor hereby covenants that to the extent it has or may have either present or future control over each area identified on the Exhibit "A" as "clear zone", and unless exceptions to or deviations from the following obligations have been granted to the Sponsor in writing by the FAA, it will clear said area or areas of any existing structure or any natural growth which constitutes an obstruction to air navigation with the standards established by Section 77.23 as applied to Section 77.25, Part 77, of the Federal Aviation Regulations; and the Sponsor further covenants that it will control the subsequent erection of structures and control natural growth to the extent necessary to prevent the creation of obstructions within said standards.
11. It is understood and agreed that the reference in Paragraph 7, Part III, Sponsor's Assurances of the Project Application to "Section 77.23 as applied to Section 77.27" is hereby revised to refer to "Section 77.23 as applied to Section 77.25."
12. The Sponsor hereby further covenants that it will not permit any permanent-type structures, other than structures required for aids to air navigation and such other structures as may be specifically excepted in writing by the FAA, to be erected on, and that it will cause any existing structures to be removed from, each area identified on the "Exhibit A" as "clear zone" or any portions thereof, concerning which the Sponsor has acquired a fee interest with federal financial assistance, irrespective of whether such structures constitute an obstruction to air navigation.
13. It is understood and agreed that the terms "Federal Aviation Agency" or "Federal Airport Act", wherever they appear in this agreement, in the Project Application, plans and specifications, or in any other document constituting a part of this agreement, shall be deemed to mean "Federal Aviation Administration" or the "Airport and Airway Development Act of 1970", as the case may be.
14. The Sponsor agrees that it will maintain a fee and rental structure for the facilities and services being provided the airport users which will make the airport as self-sustaining as possible under the circumstances existing at that particular airport, taking into account such factors as the volume of traffic and economy of collection.
15. It is also understood and agreed that Paragraph 2, Part III, of the Project Application is revised to read as follows:

The Sponsor will operate the airport as such for the use and benefit of the public. In furtherance of this covenant (but without limiting its general applicability and effect), the Sponsor specifically agrees that it will keep the airport open to all types, kinds, and classes of aeronautical use on fair and reasonable terms without discrimination between such types, kinds, and classes; provided, that the Sponsor may establish such fair, equal, and not unjustly discriminatory conditions to be met by all users of the airport; and provided further, that the Sponsor may prohibit or limit any given type, kind, or class of aeronautical use of the airport if such action is necessary -

- a. For safe and efficient use of the airport,
  - b. To keep operation activities within acceptable noise levels, or
  - c. To serve the civil aviation needs of the public.
16. It is understood and agreed that subparagraphs a. and b. of Paragraph 3 of Part III - Sponsor's Assurances of the Project Application - are amended and revised to delete the words "or hereafter" wherever they appear therein. It is the intent of this amendment to limit the application of the exclusive rights policy only to airports now owned or controlled by the Sponsor.
  17. It is understood and agreed that Paragraph 10, Part III, of the Project Application is revised to read as follows:

The Sponsor will furnish the FAA with such annual or special airport financial and operational reports as may be reasonably requested. Such reports may be submitted on forms furnished by the FAA, or may be submitted in such manner as the Sponsor elects as long as the essential data is furnished. The airport and all airport records and documents affecting the airport, including deeds, leases, operation and use agreements, regulations, and other instruments will be made available for inspection and audit by the FAA and the Comptroller General of the United States, or his duly authorized representative upon reasonable request. The Sponsor will furnish to the FAA or the General Accounting Office a true copy of any such documents.
  18. The Federal Government does not now plan or contemplate the construction of any structures pursuant to Paragraph 9 of Part III - Sponsor's Assurances of the Project Application dated 14 April 1972, and therefore, it is understood and agreed that the Sponsor is under no obligation to furnish any areas or rights without cost to the Federal Government under this Grant Agreement. However, nothing contained herein shall be construed as altering or changing the rights of the United States and/or the obligations of the Sponsor under prior Grant Agreements to furnish rent-free space for the activities specified in such agreements.
  19. It is understood and agreed that the United States will not be obligated to pay for the land interests to Parcels A, B, C, D and E, as shown on Exhibit "A", unless and until the Sponsor has submitted evidence of fee title free and clear of all encumbrances deemed objectionable by the Federal Aviation Administration, or lesser property interests satisfactory to the Federal Aviation Administration.
  20. It is understood and agreed that FAA approval of the project included in this agreement is conditioned on the sponsor's compliance with applicable air and water quality standards in accomplishing project construction and in operating the airport; further, that failure to so comply may result in suspension, cancellation or termination of Federal assistance under this agreement.

21. a. The parties hereto recognize that a continuing need exists for parking space for Government owned and controlled automotive equipment used or assigned for use in serving FAA facilities and equipment on or in the vicinity of the airport. It is agreed by the parties hereto that the Sponsor will continue to provide without charge, designated parking space as now exists in reasonable proximity to FAA operations for such automotive equipment and that no change or modifications will be made in such designation without the consent of the parties thereto or their designated representative.
- b. The parties hereto further recognize the need for adequate parking space for the motor vehicles used by the FAA employees for transportation to their place of employment and assigned duty stations on the airport. It is fully understood by and between the parties hereto that the Sponsor has made adequate parking space available to these employees on terms that are as favorable as those provided to the Sponsor's employees and the employees of others having duty stations on the airport. It is agreed by the parties hereto that the relationship now existing with respect to automobile parking space for FAA employees will continue and that no change will be made to alter this relationship or to either curtail or enlarge the demand for the parking facilities designated without the consent and concurrence of the parties hereto or their designated representatives.
22. It is understood and agreed that the Sponsor will operate the lighting system under the existing True Light Certificate.

The Sponsor's acceptance of this Offer and ratification and adoption of the Project Application incorporated herein shall be evidenced by execution of this instrument by the Sponsor, as hereinafter provided, and said Offer and Acceptance shall comprise a Grant Agreement, as provided by the Federal Airport Act, constituting the obligations and rights of the United States and the Sponsor with respect to the accomplishment of the Project and the operation and maintenance of the Airport. Such Grant Agreement shall become effective upon the Sponsor's acceptance of this Offer and shall remain in full force and effect throughout the useful life of the facilities developed under the Project but in any event not to exceed twenty years from the date of said acceptance.

UNITED STATES OF AMERICA  
FEDERAL AVIATION AGENCY

By *Rolland A. Herin*  
(TITLE)  
Chief, Airports District Office  
Part II-Acceptance Cleveland, Ohio

The \_\_\_\_\_ does hereby ratify and adopt all statements, representations, warranties, covenants, and agreements contained in the Project Application and incorporated materials referred to in the foregoing Offer and does hereby accept said Offer and by such acceptance agrees to all of the terms and conditions thereof.

Executed this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_\_.

Board of Trustees of the Ohio State University  
(Name of Sponsor)

(SEAL) By \_\_\_\_\_  
Title \_\_\_\_\_

Attest: \_\_\_\_\_  
Title: \_\_\_\_\_

CERTIFICATE OF SPONSOR'S ATTORNEY  
Board of Trustees of the  
I, \_\_\_\_\_, acting as Attorney for Ohio State University \_\_\_\_\_,  
(herein referred to as the "Sponsor") do hereby certify:

That I have examined the foregoing Grant Agreement and the proceedings taken by said Sponsor relating thereto, and find that the Acceptance thereof by said Sponsor has been duly authorized and that the execution thereof is in all respects due and proper and in accordance with the laws of the State of Ohio \_\_\_\_\_, and further that, in my opinion, said Grant Agreement constitutes a legal and binding obligation of the Sponsor in accordance with the terms thereof.

Dated at Columbus, Ohio \_\_\_\_\_ this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_\_.  
\_\_\_\_\_  
Title \_\_\_\_\_

UNITED STATES OF AMERICA  
DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

PROJECT APPLICATION

(For Federal Aid for Development of Public Airports)

Part I-PROJECT INFORMATION

The Board of Trustees of The Ohio State University (herein called the "Sponsor") hereby makes application to the Federal Aviation Administration (hereinafter called the "FAA"), for a grant of Federal funds pursuant to the Federal Airport Act and the Regulations issued thereunder, for the purpose of aiding in financing a project (herein called the "Project") for development of the Ohio State University Airport (herein called the "Airport") located in The City of Columbus State of Ohio.

It is proposed that the Project consist of the following-described airport development:

Land reimbursement for Airport Development and Clear Zones (309 Ac.); construct, mark and light NE/SW taxiway (1400'x50') and construct 27R holding apron (800 SY); construct, mark and light taxiway (600'x50') between R/W 27R approach end and the north operational area; light existing R/W 5-23 as taxiway (MITL 2200'); construct, mark and light (MIRL) R/W 9L-27R (3000'x100') including construction of 140' extension to R/W 14-32; construct, mark and light (MIRL) extension to west end of R/W 9R-27L (600'x100'); construct, mark and light connecting parallel taxiway (1650'x50') and construct 9R holding apron (2000SY); construct, mark and light taxiway (2250'x50') connecting R/W 9L and 9R and construct 9L holding apron (800 SY); construct itinerant parking apron between fire building and Division of Aviation hangar (4000 SY) and west of main hangars (6200 SY); construct based aircraft apron east of tee-hangars (24,000 SY) and stub taxiway (75'x50'); install MIRL R/W 14-32 (3000'); overlay taxiway between R/W 72L and east edge of fire building apron (3250'x50') and construct 27L holding apron (2000 SY); install perimeter fence (23,000 LF); install VASI-4 on R/W 9R-27L and VASI-2 on R/W 9L-27R.

all as more particularly described on the property map attached (hereto as Exhibit "A") \* ~~as Exhibit A to Project Application dated~~ ~~Project No. XXXXXXXXXXXXXXXXXXXXXXXXXX~~, and in the plans and specifications submitted to the FAA on March 14, 1972 which are made a part hereof.

\*Strike out the inappropriate clause.

**THE FOLLOWING IS A SUMMARY OF THE ESTIMATED COSTS OF THE PROJECT:**

ITEM	TOTAL ESTIMATED COST	ESTIMATED SPONSOR'S SHARE OF COST		ESTIMATED FEDERAL SHARE OF COST	
		AMOUNT	PER- CENT	AMOUNT	PER- CENT
1. LAND COSTS	1,279,332	639,666	50	639,666	50
2. CONSTRUCTION COSTS	1,101,001				
3. ENGINEERING AND SUPERVISION COSTS	115,677				
4. ADMINISTRATIVE COSTS	8,904				
5. Total of 2, 3, and 4 above	1,225,582	612,791	50	612,791	50
6. CONTINGENCIES	53,750	26,875	50	26,875	50
7. TOTAL ALL ESTIMATED PROJECT COSTS (Items 1, 5, and 6)	2,558,664	1,279,332		1,279,332	

## Part II—REPRESENTATIONS

The Sponsor hereby represents and certifies as follows:

1. **Legal Authority.**—The Sponsor has the legal power and authority: (1) to do all things necessary in order to undertake and carry out the Project in conformity with the Act and the Regulations; (2) to accept, receive, and disburse grants of funds from the United States in aid of the Project, on the terms and conditions stated in the Act and the Regulations; and (3) to carry out all of the provisions of Parts III and IV of this Project Application.

2. **Funds.**—The Sponsor now has on deposit, or is in a position to secure, \$ 1,279,332 for use in defraying the costs of the Project. The present status of these funds is as follows:

These funds have all been expended for acquisition of land (Item #1). All land included in this project has been acquired and payment therefore has been made in full.

3. **Compatible Land Use.**—The Sponsor has taken the following actions to assure compatible usage of land adjacent to or in the vicinity of the airport:

Sponsor has acquired extensive land holdings on and around the airport as shown on the property map and intends to acquire additional properties as funds become available.

Sponsor reviews all development proposals in the airport vicinity and appears at public hearings to testify in behalf of airport interests.



4. **Approvals of Other Agencies.**—The Project has been approved by all non-Federal agencies whose approval is required, namely:

State of Ohio - State Architect  
State of Ohio - Department of Public Works  
State of Ohio - Division of Aviation  
State of Ohio - Department of Development  
State of Ohio - Department of Natural Resources  
Mid-Ohio Regional Planning Commission  
Ohio State University - Board of Trustees

5. **Defaults.**—The Sponsor is not in default on any obligation to the United States or any agency of the United States Government relative to the development, operation, or maintenance of any airport, except as stated herewith:

No Exceptions

6. **Possible Disabilities.**—There are no facts or circumstances (including the existence of effective or proposed leases, use agreements, or other legal instruments affecting use of the Airport or the existence of pending litigation or other legal proceedings) which in reasonable probability might make it impossible for the Sponsor to carry out and complete the Project or carry out the provisions of Parts III and IV of the Project Application, either by limiting its legal or financial ability or otherwise, except as follows:

No Exceptions

7. **Land.**—(a) The Sponsor holds the following property interest in the following areas of land<sup>1</sup> which are to be developed or used as part of or in connection with the Airport, subject to the following exceptions, encumbrances, and adverse interests, all of which areas are identified on the aforementioned property map designated as Exhibit "A":

The State of Ohio and the Board of Trustees of The Ohio State University have fee simple title, free and clear of all encumbrances subject to easements, in all land except four parcels within the Airport boundary limits as indicated on the property map, exhibit "A", dated 4/13/72, attached hereto and incorporated herein by reference.

The Sponsor further certifies that the above is based on a title examination by a qualified attorney or title company and that such attorney or title company has determined that the Sponsor holds the above property interests.

<sup>1</sup>State character of property interest in each area and list and identify for each all exceptions, encumbrances, and adverse interests of every kind and nature, including liens, easements, leases, etc. The separate areas of land need only be identified here by the area numbers shown on the property map.  
(8-64)

(b) The Sponsor will acquire within a reasonable time, but in any event prior to the start of any construction work under the Project, the following property interest in the following areas of land<sup>4</sup> on which such construction work is to be performed, all of which areas are identified on the aforementioned property map designated as Exhibit "A":

All land included in this project has been acquired.

(c) The Sponsor will acquire within a reasonable time, and if feasible prior to the completion of all construction work under the Project, the following property interest in the following areas of land<sup>4</sup> which are to be developed or used as part of or in connection with the Airport as it will be upon completion of the Project, all of which areas are identified on the aforementioned property map designated as Exhibit "A":

All land included in this project has been acquired.

8. Exclusive Rights. There is no grant of an exclusive right for the conduct of any aeronautical activity at any airport owned or controlled by the Sponsor except as follows:

No Exceptions

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<sup>4</sup> State character of property interest in each area and list and identify for each all exceptions, encumbrances, and adverse interests of every kind and nature, including liens, easements, leases, etc. The separate areas of land need only be identified here by the area numbers shown on the property map.

## Part III—SPONSOR'S ASSURANCES

In order to furnish the assurances required by the Act and Regulations the Sponsor hereby covenants and agrees with the United States, as follows:

1. These covenants shall become effective upon acceptance by the Sponsor of an offer of Federal aid for the Project or any portion thereof, made by the FAA and shall constitute a part of the Grant Agreement thus formed. These covenants shall remain in full force and effect throughout the useful life of the facilities developed under this Project, but in any event not to exceed twenty (20) years from the date of said acceptance of an offer of Federal aid for the Project.

2. The Sponsor will operate the Airport as such for the use and benefit of the public. In furtherance of this covenant (but without limiting its general applicability and effect), the Sponsor specifically agrees that it will keep the Airport open to all types, kinds, and classes of aeronautical use on fair and reasonable terms without discrimination between such types, kinds, and classes: *Provided*, That the Sponsor may establish such fair, equal, and not unjustly discriminatory conditions to be met by all users of the Airport as may be necessary for the safe and efficient operation of the Airport; *And Provided Further*, That the Sponsor may prohibit or limit any given type, kind, or class of aeronautical use of the Airport if such action is necessary for the safe operation of the airport or necessary to serve the civil aviation needs of the public.

### 3. The Sponsor—

a. Will not grant or permit any exclusive right forbidden by Section 308(a) of the Federal Aviation Act of 1958 (49 U.S.C. 1349(a)) at the airport, or at any other airport now or hereafter owned or controlled by it;

b. Agrees that, in furtherance of the policy of the FAA under this covenant, unless authorized by the Administrator, it will not, either directly or indirectly, grant or permit any person, firm or corporation the exclusive right at the airport, or at any other airport now or hereafter owned or controlled by it, to conduct any aeronautical activities, including, but not limited to, charter flights, pilot training, aircraft rental and sightseeing, aerial photography, crop dusting, aerial advertising and surveying, air carrier operations, aircraft sales and services, sale of aviation petroleum products whether or not conducted in conjunction with other aeronautical activity, repair and maintenance of aircraft, sale of aircraft parts, and any other activities which because of their direct relationship to the operation of aircraft can be regarded as an aeronautical activity.

c. Agrees that it will terminate any existing exclusive right to engage in the sale of gasoline or oil, or both, granted before July 17, 1952, at such an airport, at the earliest renewal, cancellation, or expiration date applicable to the agreement that established the exclusive right; and

d. Agrees that it will terminate any other exclusive right to conduct an aeronautical activity now existing at such an airport before the grant of any assistance under the Federal Airport Act.

4. The Sponsor agrees that it will operate the Airport for the use and benefit of the public, on fair and reasonable terms, and without unjust discrimination. In furtherance of

this covenant (but without limiting its general applicability and effect), the Sponsor specifically covenants and agrees:

a. That in its operation and the operation of all facilities on the airport, neither it nor any person or organization occupying space or facilities thereon will discriminate against any person or class of persons by reason of race, color, creed, or national origin in the use of any of the facilities provided for the public on the Airport.

b. That in any agreement, contract, lease, or other arrangement under which a right or privilege at the Airport is granted to any person, firm, or corporation to conduct or engage in any aeronautical activity for furnishing services to the public at the airport, the Sponsor will insert and enforce provisions requiring the contractor:

(1) to furnish said service on a fair, equal, and not unjustly discriminatory basis to all users thereof, and

(2) to charge fair, reasonable, and not unjustly discriminatory prices for each unit or service; *Provided*, That the contractor may be allowed to make reasonable and nondiscriminatory discounts, rebates, or other similar types of price reductions to volume purchasers.

c. That it will not exercise or grant any right or privilege which would operate to prevent any person, firm, or corporation operating aircraft on the Airport from performing any services on its own aircraft with its own employees (including, but not limited to maintenance and repair) that it may choose to perform.

d. In the event the Sponsor itself exercises any of the rights and privileges referred to in subsection b, the services involved will be provided on the same conditions as would apply to the furnishing of such services by contractors or concessionaires of the Sponsor under the provisions of such subsection b.

5. Nothing contained herein shall be construed to prohibit the granting or exercise of an exclusive right for the furnishing of nonaviation products and supplies or any service of a nonaeronautical nature or to obligate the Sponsor to furnish any particular nonaeronautical service at the Airport.

6. The Sponsor will operate and maintain in a safe and serviceable condition the Airport and all facilities thereon and connected therewith which are necessary to serve the aeronautical users of the Airport other than facilities owned or controlled by the United States, and will not permit any activity thereon which would interfere with its use for airport purposes; *Provided*, That nothing contained herein shall be construed to require that the Airport be operated for aeronautical uses during temporary periods when snow, flood, or other climatic conditions interfere with such operation and maintenance; *And Provided Further*, That nothing herein shall be construed as requiring the maintenance, repair, restoration or replacement of any structure or facility which is substantially damaged or destroyed due to an act of God or other condition or circumstance beyond the control of the Sponsor.

7. Insofar as it is within its power and reasonably possible, the Sponsor will, either by the acquisition and retention of easements or other interests in or rights for the use of land or airspace or by the adoption and enforcement of zoning regulations, prevent the construction, erection, alteration, or growth of any structure, tree, or other object in the approach areas of the runways of the Airport, which would constitute an obstruction to air navigation according to the criteria or standards prescribed in Section 77.23, as applied to Section 77.27, Part 77 of the Federal Aviation Regulations. In addition, the Sponsor will not erect or permit the erection of any permanent structure or facility which would interfere materially with the use, operation, or future development of the Airport, in any portion of a runway approach area in which the Sponsor has acquired, or may hereafter acquire, property interests permitting it to so control the use made of the surface of the land.

8. All facilities of the Airport developed with Federal aid and all those usable for the landing and taking off of aircraft, will be available to the United States at all times, without charge, for use by military and naval aircraft in common with other aircraft, except that if the use by military and naval aircraft is substantial, a reasonable share, proportional to such use, of the cost of operating and maintaining facilities so used, may be charged. Unless otherwise determined by the FAA, or otherwise agreed to by the Sponsor and the using agency, substantial use of an airport by military and naval aircraft will be considered to exist when operations of such aircraft are in excess of those which, in the opinion of the FAA, would unduly interfere with use of the landing area by other authorized aircraft, or during any calendar month that:

a. Five (5) or more military or naval aircraft are regularly based at the airport or on land adjacent thereto; or

b. The total number of movements (counting each landing as a movement and each takeoff as a movement) of military or naval aircraft is 300 or more, or the gross accumulative weight of military or naval aircraft using the Airport (the total movements of military or naval aircraft multiplied by gross certified weights of such aircraft) is in excess of five million pounds.

9. Whenever so requested by the FAA, the Sponsor will furnish without cost to the Federal Government, for construction, operation and maintenance of facilities for air traffic control activities, or weather reporting activities and communication activities related to air traffic control, such areas of land or water, or estate therein, or rights in buildings of the Sponsor as the FAA may consider necessary or desirable for construction at Federal expense of space or facilities for such purposes. The approximate amounts of areas and the nature of the property interests and/or rights so required will be set forth in the Grant Agreement relating to the Project. Such areas or any portion thereof will be made available as provided herein within 4 months after receipt of written request from the FAA.

10. The Sponsor will furnish the FAA with such annual or special airport financial and operational reports as may be reasonably requested. Such reports may be submitted on forms furnished by the FAA, or may be submitted in such manner as

the Sponsor elects so long as the essential data are furnished. The Airport and all airport records and documents affecting the Airport, including deeds, leases, operation and use agreements, regulations, and other instruments, will be made available for inspection by any duly authorized representative of the FAA upon reasonable request. The Sponsor will furnish to the FAA, upon request, a true copy of any such document.

11. The Sponsor will not enter into any transaction which would operate to deprive it of any of the rights and powers necessary to perform any or all of the covenants made herein, unless by such transaction the obligation to perform all such covenants is assumed by another public agency found by the FAA to be eligible under the Act and Regulations to assume such obligations and having the power, authority, and financial resources to carry out all such obligations. If an arrangement is made for management or operation of the Airport by any agency or person other than the Sponsor or an employee of the Sponsor, the Sponsor will reserve sufficient rights and authority to insure that the Airport will be operated and maintained in accordance with the Act, the Regulations, and these covenants.

12. The Sponsor will keep up to date at all times an airport layout plan of the Airport showing (1) the boundaries of the Airport and all proposed additions thereto, together with the boundaries of all offsite areas owned or controlled by the Sponsor for airport purposes, and proposed additions thereto; (2) the location and nature of all existing and proposed airport facilities and structures (such as runways, taxiways, aprons, terminal buildings, hangars, and roads), including all proposed extensions and reductions of existing airport facilities; and (3) the location of all existing and proposed nonaviation areas and of all existing improvements thereon. Such airport layout plan, and each amendment, revision, or modification thereof, shall be subject to the approval of the FAA, which approval shall be evidenced by the signature of a duly authorized representative of the FAA on the face of the airport layout plan. The Sponsor will not make or permit the making of any changes or alterations in the Airport or any of its facilities other than in conformity with the airport layout plan as so approved by the FAA, if such changes or alterations might adversely affect the safety, utility, or efficiency of the Airport.

13. Insofar as is within its power and to the extent reasonable, the Sponsor will take action to restrict the use of land adjacent to or in the immediate vicinity of the Airport to activities and purposes compatible with normal airport operations including landing and takeoff of aircraft.

14. If at any time it is determined by the FAA that there is any outstanding right or claim of right in or to the Airport property, other than those set forth in Part II, paragraphs 7(a), 7(b), and 7(c), the existence of which creates an undue risk of interference with the operation of the Airport or the performance of the covenants of this Part, the Sponsor will acquire, extinguish, or modify such right or claim of right in a manner acceptable to the FAA.

15. Unless the context otherwise requires, all terms used in these covenants which are defined in the Act and the Regulations shall have the meanings assigned to them therein.

#### Part IV-PROJECT AGREEMENT

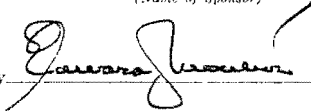
If the Project or any portion thereof is approved by the FAA, and an offer of Federal aid for such approved Project is accepted by the Sponsor, it is understood and agreed that all airport development included in such Project will be accomplished in accordance with the Act and the Regulations, the plans and specifications for such development, as approved by the FAA, and the Grant Agreement with respect to the Project.

IN WITNESS WHEREOF, the Sponsor has caused this Project Application to be duly executed in its name, this 14th day of April, 1972

Board of Trustees of The Ohio State University

(Name of Sponsor)

By

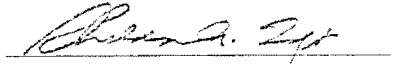


Secretary

(Title)

#### OPINION OF SPONSOR'S ATTORNEY

I HEREBY CERTIFY that all statements of law made in this Project Application and all legal conclusions upon which the representations and covenants contained herein are based, are in my opinion true and correct.

  
Sponsor's Counsel for  
The Ohio State University  
(Title)

April 13, 1972  
(Date)

SPONSOR ASSURANCE TO ACCOMPANY PROJECT APPLICATION  
DATED April 14, 1972 FOR A GRANT  
OF FUNDS FOR THE DEVELOPMENT OR IMPROVEMENT OF  
The Ohio State University AIRPORT

Nondiscrimination in Federally Assisted Programs of the FAA

In order to furnish the assurances required by Title VI of the Civil Rights Act of 1964, and by Part 21 of the Regulations of the Office of the Secretary of Transportation; as extended, the Board of Trustees of The Ohio State University (insert name of Sponsor) (hereinafter called the "Sponsor") hereby covenants and agrees with the United States (hereinafter called the "Government") as follows:

The Sponsor, in the operation and use of the Ohio State University Airport, will not on the grounds of race, color, or national origin discriminate or permit discrimination against any person or group of persons in any manner prohibited by Part 21 of the Regulations of the Office of the Secretary of Transportation.

The Sponsor will also include, or require the inclusion, in every agreement or concession pursuant to which any person, other than the Sponsor, operates or has the right to operate any facility on the Airport providing services to the public, the foregoing covenant as an obligation assumed by that person, together with a provision granting the Sponsor the right to take such action as the Government may direct to enforce that covenant.

Noncompliance with the above assurances shall constitute a material breach, and in the event of such noncompliance, the Government may take appropriate action to enforce compliance, may terminate the Grant Agreement to which this covenant relates, or seek judicial enforcement.

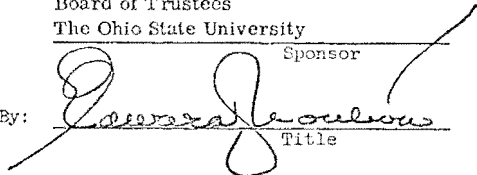
The covenant shall become effective upon execution of a Grant Agreement pursuant to the above identified project application and shall constitute part of the Grant Agreement to which it relates and shall remain in full force and effect so long as the airport covered by such agreement continues to be used and operated as a public airport.

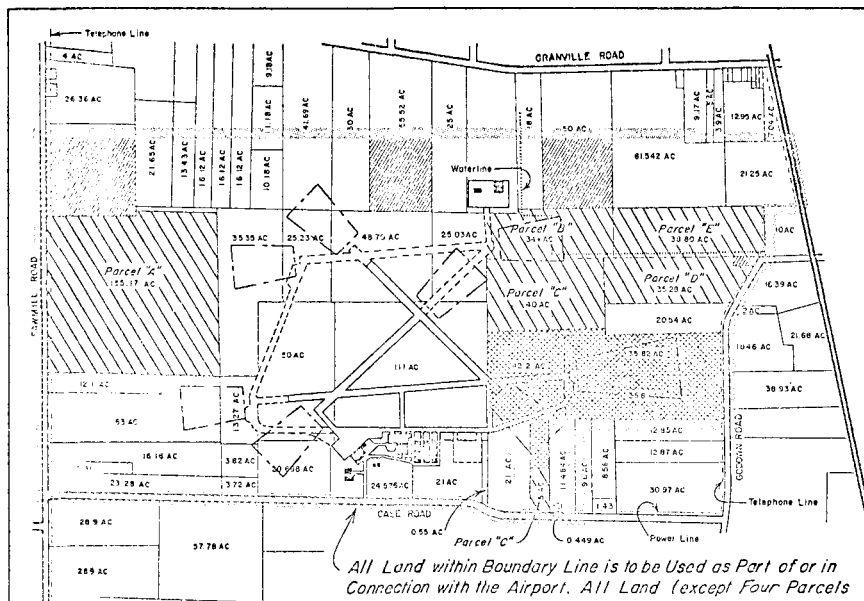
Board of Trustees  
The Ohio State University

Sponsor





Date: April 17, 1972

By:

  
Title



### LEGEND

-  Planned Future Acquisition
-  Land Included in this Project. Copies of Warranty Deeds Containing Legal Descriptions have been Submitted to FAA - Cleveland.
-  Land Included in FAA Project #9-33-044-02
-  Land Included in FAA Project #9-33-044-01

### LAND INCLUDED IN THIS PROJECT:

- A. Parcel "A" - Purchased from Tuiler 12/69  
155.17 Acres at Total Cost of \$930,720.00. Owned in Fee Simple. Telephone Line along Sawmill Road. No Easements.
- B. Parcel "B" - Purchased from Mitchell 6/62  
34 Plus Acres at Prorated Cost of \$62,800.00. Owned in Fee Simple. Waterline (underground) Easement as Shown.
- C. Parcel "C" - Purchased from Gable 12/53  
45 Acres at Total Cost of \$27,600.00. Owned in Fee Simple. Power Line Easement along Cose Road
- D. Parcel "D" - Purchased from Webb-Blackmore 8/70  
35.28 Acres at Total Cost of \$200,000.00. Owned in Fee Simple. Telephone Line along Godown Road. No Easements.
- E. Parcel "E" - Purchased from Trees 4/56  
38.80 Acres at Total Cost of \$58,212.00. Owned in Fee Simple. Telephone Line along East Boundary. Water Line (underground) Easement as Shown.

THE OHIO STATE UNIVERSITY

UNIVERSITY AIRPORT

COLUMBUS, OHIO

PROPERTY MAP - EXHIBIT A

ADAP PROJECT # 8-39-CO27-01

APRIL 13, 1972

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APPENDIX XII

Degrees Conferred at  
THE OHIO STATE UNIVERSITY  
COMMENCEMENT CONVOCATION

June 9, 1972

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# The Recipients of Honors

## JOHN ENGLEBERT DUNPHY

Doctor of Science

*Distinguished surgeon, scientist, and educator, whose contributions have had worldwide influence in the art and science of surgery.*

J. Englebert Dunphy has extended his energies and creative interests in a 40 year career to strengthen health and surgical education in the United States. Dr. Dunphy received his bachelor's degree from Holy Cross and his medical degree from Harvard University. The foundation for his outstanding career in medical research began at Harvard where his personal skills in surgery inspired countless students and culminated in his appointment as Director of the 5th Surgical Service and Sears Surgical Laboratory, Boston City Hospital.

From Boston, his surgical, educational, and administrative attributes grew apace. In 1959, he became Chairman of Surgery at the University of Oregon. Since 1964, Dr. Dunphy has capably served as Chairman of the Department of Surgery at the University of California at San Francisco, with visiting professorships at The Ohio State University in 1967 and 1970. With a mind hospitable to the great traditions of medical research, his vigorous scientific labors have produced 250 publications including basic texts for the training of medical students and young surgeons.

He has been honored by membership in every distinguished surgical society in the United States as well as numerous surgical societies overseas, sharing his energy in the development of worldwide cooperation among surgeons. He has served for two years as President of the Federation of Surgical Colleges representing 40 countries. His leadership has been further acknowledged by election to the presidency of six major professional societies and as Chairman of the Board of Regents of the American College of Surgeons.

The Ohio State University is proud to honor John Englebert Dunphy for his lifelong contributions to science and health care in the United States and for his outstanding efforts to improve the teaching of surgery, both nationally and through international cooperation.

## JOSEPH HOWARD KOFFOLT

Doctor of Science

*Noted educator and innovative scholar, widely recognized for professional dedication to the forward thrust of chemical engineering in America.*

A nationally known authority in the field of chemical engineering, Joseph H. Koffolt's career has spanned a wide range of occupational interests. A graduate of The Ohio State University, Dr. Koffolt joined the University's staff as a teaching assistant in chemical engineering in 1929 and by 1940 had attained the rank of full professor. He became Chairman of the department in 1948 and ably maintained this position for the next two decades. During his Chairmanship, Dr. Koffolt worked diligently to advance the stature and prominence of not only his immediate department, but the overall contributions of his field as well. His inspiring teaching has been noted by more than forty graduating classes of chemical engineers.

Although Dr. Koffolt's educational contributions are of substantial importance, they by no means monopolize his occupational accomplishments. One of the early and important contributors to the development and use of nomographs, his research dealt with fundamental and applied aspects of distillation and liquid-liquid extraction processes. As an industrial consultant with the federal and state governments, he has had extensive experience in the areas of explosives and thermodynamics. In industry he has held positions with the American Steel and Wire Company, the Industrial Rayon Corporation, and the American Potash and Chemicals Corporation.

Active in professional affairs, Dr. Koffolt is affiliated with a number of organizations including the American Chemical Society and the American Society for Engineering Education. He is also a member of honorary professional societies such as Tau Beta Pi and Sigma Xi. Honored by the rank of Fellow from the American Institute of Chemical Engineers, he is a recipient of their Founder's Award as well as the Technical Man of the Year Award from the Columbus Technical Council.

The Ohio State University is proud to confer the honorary degree, Doctor of Science, upon Joseph Howard Koffolt, an alumnus who has given a lifetime of distinguished service to his alma mater and to the advancement of his profession.

## ALAN GREGORY LOOFBOURROW

Doctor of Science

*Pre-eminent automotive engineer whose imagination, ingenuity, and integrity are of the highest caliber.*

Long a pioneer in Detroit's automotive engineering industry, Alan G. Loofbourrow received his undergraduate degree in mechanical engineering from The Ohio State University. He went on to complete degrees at both the University of Michigan and the Chrysler Institute of Engineering. His formal education at the Institute proved to be only the beginning of what was to become an extensive and distinguished career with Chrysler Corporation, culminating with his appointment as Vice President of Engineering and Research.

A man with many innovations to his credit, Mr. Loofbourrow has established himself as one of the nation's foremost creative engineers. He introduced the first production application of power steering and disc brakes to passenger cars as well as the first torsion-bar suspension system to be applied to high volume, mass-produced automobiles. His inventions in the area of automatic transmissions have evolved into the classic design for the industry. Unibody construction, improvements in safety glass, the introduction of the alternator as an industry first, and the slant-six engine are yet other areas of his engineering contributions. He advocated standards and specifications for increased and improved vehicle safety, quality, and service far in advance of the current drive for such measures.

Aside from the mechanics of automotive development, Mr. Loofbourrow has had an active interest in civic affairs. A member of the Greater Detroit Board of Commerce, he has served as Co-chairman of the Junior Achievement of Southwest Michigan and has been Fund Drive Unit Chairman of that organization. He has also maintained a link with The Ohio State University through the Mechanical Engineering Department's Visiting Committee which serves as an advisory group to the faculty, joining industry and education in long range planning.

For combining unparalleled executive and engineering abilities with the humanitarian utilization of these talents, The Ohio State University honors Alan Gregory Loofbourrow.

## ARMIN H. MEYER

Doctor of Laws

*Honorable government official whose diplomatic acumen is high tribute to American representation abroad.*

Ambassador Armin Meyer is a career diplomat with 29 years of service to our nation, entering the Foreign Service at the end of World War II. Since his first assignment with the United States Office of War Information in Cairo, Mr. Meyer has represented our country as an emissary around the globe.

As Public Affairs Officer for the American Embassy in Baghdad, he developed a keen awareness of, and interest in, Middle East affairs. From 1952 to 1955 he served in Beirut and was Charge d'Affaires ad interim at the American Embassy in the Lebanese capital. Until his reassignment as Deputy Chief of Mission in Afghanistan, Ambassador Meyer was successful in cementing several agreements concerning international oil rights.

Returning to Washington, D.C., Mr. Meyer served as Deputy Assistant Secretary of State for Near Eastern and South Asian Affairs from 1957 to 1961. The responsibilities of this position included the coordination of 18 foreign countries, ranging from Greece to India.

Again accepting overseas appointment, Ambassador Meyer was the chief of the United States Mission in Iran until 1965. During his tenure in Iran, our country's foreign aid programs to the nation diminished as local citizens became more self-sufficient. From Iran, Mr. Meyer assumed his most recent appointment as Ambassador to Japan. Historic developments during his service include negotiations for the return of Okinawa to the Japanese and the promotion of harmonious and cooperative trade relations between our country and Japan.

Prior to his affiliations with the Foreign Service, Mr. Meyer was Dean of Men and associate professor of mathematics at Capital University, his undergraduate alma mater. He is also a summa cum laude graduate of the Evangelical Lutheran Theological Seminary as well as a recipient of the Master of Arts degree from The Ohio State University.

For his continuing loyal support of responsible and effective government service, The Ohio State University honors Armin H. Meyer with the honorary degree, Doctor of Laws.

Graduate School

Dean: Arliss L. Roaden

Doctor of Musical Arts

Two candidates

Betty Oberacker, Cleveland  
B.M., M.M. (Cleveland Institute of Music)  
*Dissertation:* The Preludes of the Well-Tempered Clavier, Volume I, of Johann Sebastian Bach: A Commentary and Analysis  
*Field of Specialization:* Music

Raymond Benjamin Sidoti, Cleveland  
B.M., M.M. (Cleveland Institute of Music)  
*Dissertation:* The Violin Sonatas of Béla Bartók: An Epitome of the Composer's Development  
*Field of Specialization:* Music

Doctor of Philosophy

One hundred and eighty three candidates

David Stewart Adams, Columbus  
B.A. (Piedmont College)  
*Dissertation:* Goal and Structural Succession in a Voluntary Association: A Constructed Type of the American Red Cross Chapter in Natural Disasters  
*Field of Specialization:* Sociology

Richard Neil Adams, Pemberton  
B.S.Agr., M.A.  
*Dissertation:* Continuing Education for Technical College Students  
*Field of Specialization:* Agricultural Education

John Ademola Adedeji, Okemesi, Nigeria  
B.S., M.A. (Western Michigan University)  
*Dissertation:* Physical Education and Nation Building in Nigeria  
*Field of Specialization:* Physical Education

Pushpa Purushottam Agashe, Pittsburgh, Pa.  
B.A., M.A. (University of Poona); M.S. (Carnegie-Mellon University)  
*Dissertation:* Adjacent Topologies  
*Field of Specialization:* Mathematics

\*Beverlee Byler Anderson, West Liberty  
B.S.Bus.Adm., B.S.Ed.  
*Dissertation:* The Influence of Seals of Certification on Consumer Attitudes for Selected Products  
*Field of Specialization:* Business Administration

Gwyn Delmont Angus, Columbus  
B.A. (Anderson College); M.A.  
*Dissertation:* Prediction of Academic and Clinical Success at The Ohio State University School of Allied Medical Professions  
*Field of Specialization:* Education

Larry George Arlian, Loveland, Colo.  
B.S., M.S. (Colorado State University)  
*Dissertation:* Equilibrium and Non-equilibrium Water Exchange Kinetics in an Atracheate Terrestrial Arthropod, *Dermatophagoides farinae* Hughes  
*Field of Specialization:* Entomology

Norma Saxe Barnebey, Columbus  
B.S.Ed., M.A.  
*Dissertation:* The Study of the Effect of the Race of Examiner on the Test Performance of Negro and White Children  
*Field of Specialization:* Education

Stephen Hayden Barnes, Washington, D. C.  
B.Mus. (Peabody Conservatory of Music); M.A.  
*Dissertation:* The High School Instrumental Music Teacher Role: An Exploration of Interposition Consensus  
*Field of Specialization:* Music

James Jackson Barnette, Troy  
B.S.Ed., M.A.  
*Dissertation:* The Development and Evaluation of a Pre-Statistics Orientation Manual for Students in the Behavioral Sciences  
*Field of Specialization:* Education

James Richard Barth, North Hollywood, Calif.  
B.A. (Sacramento State College); M.A. (University of New Mexico)  
*Dissertation:* Cash Adjustments of Commercial Banks  
*Field of Specialization:* Economics

Pramode Kumar Bhagat, Dayton  
B.E.E. (Indian Institute of Technology); M.S.E.E. (University of Cincinnati)  
*Dissertation:* A Mathematic Investigation of the Left Dentricular Distensibility in Healthy Closed-Chest Dogs  
*Field of Specialization:* Electrical Engineering

Dorothy T. Blakley, Fostoria  
B.S. in Ed. (Bowling Green State University); M. Ed. (University of Toledo)  
*Dissertation:* A Profile and Analysis of the Commuter Student at the Ohio State University  
*Field of Specialization:* Education

Therese Marcelle Bonin, St. Andre le Desert, France  
Licence (University of Grenoble)  
*Dissertation:* A Rationale for Including Colloquial French as an Integral Part of French Language Studies  
*Field of Specialization:* Education

Terrence Allen Boring, Charlottesville, Va.  
B.A. (Texas Lutheran College); M.A.  
*Dissertation:* Studies in Spartan History  
*Field of Specialization:* Classics

Rejean Bouchard, Quebec, Que., Canada  
B.Sc.Agr., M.Sc. (Laval University)  
*Dissertation:* The Sulfur Requirement of Lactating Dairy Cows  
*Field of Specialization:* Dairy Science

Michael Higgins Bowman, Ironton  
B.S., M.S. (Ohio University)  
*Dissertation:* The Conformation, Cytology and Synaptology of the Opposum Inferior Olivary Nucleus  
*Field of Specialization:* Anatomy

Ernest Hoff Broadwater, Philadelphia, Pa.  
B.Ed. (Keene State College); Ed.M. (Temple University)  
*Dissertation:* An Explanatory Study of the Representative Validity of the Observational System for Instructional Analysis  
*Field of Specialization:* Education

Charles Raymond Brown, Columbus  
B.S. Ed. (Marion College); M.S. (Butler University)  
*Dissertation:* Assessment of Television and Video Tape Recordings for Utilization in Continuing Medical Education  
*Field of Specialization:* Education

\* Also Master of Business Administration, Graduate School

- Harold Eugene Brown, Columbus  
A.B. (Capital University); B.D. (Evangelical Lutheran Theological Seminary); M.A.  
*Dissertation*: The Story of Education in Lutheran Mission and the Evangelical Lutheran Church of New Guinea: 1886-1970  
*Field of Specialization*: Education
- Eddie Buckles, Chicago, Ill.  
B.S. (Alcorn Agricultural and Mechanical College); M.A.  
*Dissertation*: A History of Physical Education and Athletics at Alcorn Agricultural and Mechanical College  
*Field of Specialization*: Physical Education
- John Delmas Burkhart, Columbus  
A.B. (College of Saint Charles Borromeo); M.A.  
*Dissertation*: A Comparative Study of the Attitudes of High School Seniors Regarding Marriage  
*Field of Specialization*: Education
- Charles Wayne Byers, Lexington, Ky.  
B.S. in Agr. (Murray State College); M.S. in Edu. (University of Kentucky)  
*Dissertation*: The Relationship of Selected Variables to the Supervision Provided Students of Vocational Agriculture by Their Teachers  
*Field of Specialization*: Agricultural Education
- Miriam Whitsett Cardi, Columbus  
B.S. Bus. Adm., M.A.  
*Dissertation*: The Relationship between Sex-Role and Trust among Women, as Measured by Cooperation/Competition  
*Field of Specialization*: Psychology
- Edward Charles Chaloupka, Jamaica, N. Y.  
B.A., M.S. (Queens College)  
*Dissertation*: The Physiological Effects of Two Maintenance Programs Following Eight Weeks of Interval Training  
*Field of Specialization*: Physical Education
- Ping-Leung Chan, New Haven, Conn.  
B.A., M.A. (University of Hong Kong); M.A. (Yale University)  
*Dissertation*: Ch'u Ts'u and Shamanism in Ancient China  
*Field of Specialization*: East Asian Languages and Literatures
- Adrian Derral Cheatwood, Ponca City, Okla.  
B.A. (Oklahoma State University); M.A.  
*Dissertation*: Restrictive Labels in a Juvenile Correctional Setting  
*Field of Specialization*: Sociology
- Yie wen Chien, Taipei, Taiwan  
B.S. (Kaohsiung Medical College)  
*Dissertation*: Non-Steady-State and Steady-State Membrane Permeation Studied by Rotating-Electrode Polarography  
*Field of Specialization*: Pharmacy
- Richard Mondell Cogger, Xenia  
B.S. (Savannah State College); M.A. (Ball State University)  
*Dissertation*: The Development of a Selection Model and an Effectiveness Model to Assist Teachers in Monitoring the Levels of Accountability of Educational Media  
*Field of Specialization*: Education
- Dorothy Trautman Coon, Columbus  
B.S. in Ed. (State University College for Teachers at Buffalo); M.S. in Ed. (State University of Education, Buffalo)  
*Dissertation*: The Intuitive Concept of Limit Possessed by Pre-calculus College Students and Its Relationship with Their Later Achievement in Calculus  
*Field of Specialization*: Education
- Michael Roy Cooper, Hackensack, N. J.  
B.A. (Hofstra University); M.A. (Long Island University)  
*Dissertation*: Satisfaction, Perceived Influence, and Decision-Riskiness: The Effects of Participation and Commitment in Decision-Making Groups  
*Field of Specialization*: Psychology
- Daniel Frederick Davis, Brooklyn, N. Y.  
B.S. (State University College of Education, Oswego); M.A. (Brooklyn College)  
*Dissertation*: The Role of East Asian Studies in American Secondary Education: An Evaluative and Comparative Conceptual Approach  
*Field of Specialization*: Education
- George Arliss Davis, Ashland, Ky.  
B.A. (Kentucky State College); M.A.  
*Dissertation*: Secondary School Geography: Its Relevancy to Black Students  
*Field of Specialization*: Education
- Murlidhar Radhakrishna Dharmadhikari, Multai, India  
B.Sc. Agr. (Vikram University); M.Sc. (Indian Agricultural Research Institute)  
*Dissertation*: Changes in Sugars, Organic Acids, and Mineral Nutrient Composition of Chelois (S. 10878) Grapes, at Various Stages of Growth, in Response to N and K Treatments  
*Field of Specialization*: Horticulture
- James Francis Donovan, Hopatcong, N. J.  
B.S. (State University College of Education, Plattsburg); M.S. (Syracuse University)  
*Dissertation*: Academic or Social Orientation of Special Class Teachers Related to Academic Achievement, Self Concept and Adaptive Behavior of EMR Students  
*Field of Specialization*: Education
- George Chester Ebner, Columbus  
B.S.E.E., M.S.E.E. (Massachusetts Institute of Technology)  
*Dissertation*: An Associatively Controlled Functional Multiprocessor for Real-Time Applications  
*Field of Specialization*: Electrical Engineering
- Thrainn Eggertsson, Reykjavik, Iceland  
B.A. (University of Manchester)  
*Dissertation*: Economic Aspects of Higher Education Taken under the World War II GI Bill of Rights  
*Field of Specialization*: Economics
- Victor Jonathan Ekong, Ibadan, Nigeria  
B.Sc. (University of Ibadan); M.S.  
*Dissertation*: Rate of Convergence of Hermite Interpolation Based on the Roots of Certain Jacobi Polynomials  
*Field of Specialization*: Computer and Information Science

- Jane Rawson Evans, Winnipeg, Man., Canada  
B.A. (Acadia University); B.Ed. (Saint Francis Xavier University); Dip. P.E. (Dalhousie University); M.Sc. (Wisconsin State University)  
*Dissertation*: A Comparison of the Synchronous, Rhythmic Motor, and Spontaneous Rhythmic Movement of Educable Mentally Retarded and Normal Children  
*Field of Specialization*: Physical Education
- Fred Walter Fanning, Covington  
B.S., M.A.  
*Dissertation*: The Effects of Classroom Instruction in Behavioral Principles upon Student Tardiness Behavior  
*Field of Specialization*: Psychology
- Lawrence Friedman, Cleveland Heights  
B.E.M., M.S.  
*Dissertation*: Electrochemical Studies of Oxygen in Liquid Metals  
*Field of Specialization*: Metallurgical Engineering
- Sandra Park Gadell, Columbus  
B.A., M.A. (State University of Iowa)  
*Dissertation*: The Development and Testing of Programmed Materials for Teaching Phonics to Pre-Service Teachers  
*Field of Specialization*: Education
- Albert Harding Ganz, Columbus  
B.A. (Wittenberg University); M.A. (Columbia University)  
*Dissertation*: The Role of the Imperial German Navy in Colonial Affairs  
*Field of Specialization*: History
- Bhagwan Dass Garg, Hissar, India  
B.V.Sc. and A.H. (Panjab University); M.Sc. V.M. and A.H. (Panjab Agricultural University)  
*Dissertation*: Pharmacological and Biochemical Studies on Disposition of Optical Isomers of Catecholamines  
*Field of Specialization*: Pharmacy
- Jarrell Willis Garsee, Mt. Vernon  
Th.B. (Bethany Nazarene College); B.D. (Nazarene Theological Seminary); M.S. (University of Oklahoma)  
*Dissertation*: Some Developmental Correlates Individually-Perceived Generation Differences in Value Role-Taking  
*Field of Specialization*: Psychology
- Leonard Albert Gideon, Fort Worth, Tex.  
B.S. (Texas Agricultural and Mechanical University); M.S.  
*Dissertation*: Immunological Parameters of Renal Transplantation in the Canine  
*Field of Specialization*: Microbiology
- Emerson DeWitt Gilbert, Indianapolis, Ind.  
A.B. (Asbury College); Ed.M. (Oregon State College)  
*Dissertation*: Teaching Styles Prevalent in Satisfying and Dissatisfying College Credit Courses as Perceived by Adult Students  
*Field of Specialization*: Education
- Robert Loomis Gordon, Manchester, Conn.  
B.S. (Pennsylvania State University); M.S. (Rensselaer Polytechnic Institute)  
*Dissertation*: The Organization and Control of a Slave Memory Hierarchy  
*Field of Specialization*: Computer and Information Science
- Calvin Frederick Grass, Castleton, Vt.  
A.B. (Boston University); M.Edu. (University of Maine)  
*Dissertation*: A Study Relating Levels of Understanding of Selected Concepts of Motion to Chronological Age Using Verbal Response to Visual Stimulus  
*Field of Specialization*: Education
- Seth Neil Greenberg, New Hyde Park, N. Y.  
B.A. (Queens College); M.A.  
*Dissertation*: Visual Word Recognition as a Function of Meaning and Graphic Familiarity  
*Field of Specialization*: Psychology
- John William Gregory, Columbus  
B.A. (Lebanon Valley College); M.A. (Wesleyan University)  
*Dissertation*: The Impact of the Verbal Environment in Mathematics Classrooms on Seventh Grade Students' Logical Abilities  
*Field of Specialization*: Education
- David Lewis Greth, Columbus  
B.A. (Albright College); M.A. (Temple University)  
*Dissertation*: Anomic, Suicidal Ideation, and Student Ecology in a College Population  
*Field of Specialization*: Psychology
- Philip Eicks Grundlehner, Spring Lake, N. J.  
B.A. (University of Pennsylvania); M.A. (Tufts University)  
*Dissertation*: The Bridge in German Poetry: Its Symbolic Functions  
*Field of Specialization*: German
- Sumit Gunanukorn, Bangkok, Thailand  
B.Ed. (Chulalongkorn University); M.A.  
*Dissertation*: A Rationale for Human Relations Education in an Intercultural Context  
*Field of Specialization*: Education
- Charles Dewey Harris, Silver Spring, Md.  
B.S., M.A. (University of Maryland)  
*Dissertation*: The Effect of Isometric Exercise on the Systolic Time Intervals of the Cardiac Cycle  
*Field of Specialization*: Physical Education
- Larry Stephen Haverkos, Cincinnati  
B.S. (University of Cincinnati); M.A.  
*Dissertation*: Liberalism and Education: Four Views  
*Field of Specialization*: Education
- David Thomas Hayes, Garfield Heights  
B.S. (Ohio University); M.A.T. (Duke University)  
*Dissertation*: Effects of Two Methods of Presenting Homework upon Attitude, Achievement, and Perceptions of Study Habits in a College Mathematics Course  
*Field of Specialization*: Education
- Budd Hansel Hebert, Richmond, Va.  
B.S., M.A. (Arizona State University)  
*Dissertation*: Spatial Analysis of Domestic United States Air Passenger Traffic: A Network Analysis Approach  
*Field of Specialization*: Geography
- John Phillips Henderson, Fairborn  
B.S. in M.E. (Case Institute of Technology); M.S.  
*Dissertation*: Vibration Analysis of Curved Skin-Stringer Structures Having Tuned Elastomeric Dampers  
*Field of Specialization*: Engineering Mechanics

- John Porter Henderson, Irondeale  
B.S. in Ed. (Kent State University); M.A.  
*Dissertation:* Public Higher Education Policy-Making in State Government: A Case Study of the Ohio Plan  
*Field of Specialization:* Education
- John Howard Hillison, Mt. Carmel, Ill.  
B.S., M.Ed. (University of Illinois)  
*Dissertation:* Manpower Needs in Environmental Management  
*Field of Specialization:* Agricultural Education
- Helen McConnell Hord, Columbus  
A.B. (Kentucky State College); M.Ed.  
*Dissertation:* The Significance of Black Literature in the Language Arts Program of a Predominantly Black Junior High School  
*Field of Specialization:* Education
- Tsau-Yuen Huang, Kaohsiung, Taiwan  
B.Med. (Kaohsiung Medical College); M.S.  
*Dissertation:* Histopathology of Intramyocardial Arteries in Normal and Arteriosclerotic Hearts  
*Field of Specialization:* Pathology
- Richard Joseph Huelsman, Worthington  
B.S. (John Carroll University); S.T.L. (Bellarmine School of Theology of Loyola University); M.A.  
*Dissertation:* Implications in the Work of Teilhard De Chardin for a Philosophy of Guidance  
*Field of Specialization:* Education
- Charles David Hufford, Sycamore  
B.S.Pharm.  
*Dissertation:* Studies in the Chemistry of Cytotoxic Terpenoid Compounds  
*Field of Specialization:* Pharmacy
- Manuel J. Iglesias, Springfield  
B.Ed. (University of Miami); M.Ed. (Florida Atlantic University)  
*Dissertation:* Spain's Instructional Television System: A Critical Assessment  
*Field of Specialization:* Education
- Nasruddin Iljas, Palembang, Indonesia  
Ir. (Institute of Agriculture); M.S.  
*Dissertation:* Development of Quality Evaluation of Soybean-Based Food - Tempeh  
*Field of Specialization:* Horticulture
- Edmund Gale James, Caldwell  
B.A., B.S.Ed., M.A.  
*Dissertation:* The Law and Student Rights  
*Field of Specialization:* Education
- Robert William Jericho, Lakewood  
A.B. (Baldwin-Wallace College); M.A.  
*Dissertation:* An Analysis of Certain Personality Variables on Adult Team Sport Participation  
*Field of Specialization:* Education
- Maloyd Earl Jones, Jr., Tuscaloosa, Ala.  
B.S.Sec.Ed. (Alabama State College); M.S. (Tennessee Agricultural and Industrial State University)  
*Dissertation:* Work Experience Programs in Business Education of Selected Undergraduate Institutions  
*Field of Specialization:* Education
- Lillian M. Junas, Hazelton, Pa.  
B.A., M.A. (Pennsylvania State University)  
*Dissertation:* Use of Photographs in American Daily Newspapers: An Analysis  
*Field of Specialization:* Education
- Robert Rudolph Jurick, Canonsburg, Pa.  
B.S.M.E. (Carnegie Institute of Technology); M.Edu. (Saint Lawrence University); M.S.  
*Dissertation:* Computer-Oriented Instructional System for Teaching Analytic Geometry  
*Field of Specialization:* Education
- Karol Anne Kahrs, Atlanta, Ga.  
B.S.Ed. (University of Georgia); M.A.  
*Dissertation:* The Relationship of Mental Image to Skill Performance in Tennis  
*Field of Specialization:* Physical Education
- Daniel Miles Kalish, Fairview Park  
B.S.Ed., M.Ed. (Kent State University)  
*Dissertation:* The Effects on Achievement of Using Behavioral Objectives with Fifth Grade Students  
*Field of Specialization:* Education
- Carolyn Mae Karr, Huntington, W. Va.  
B.A., M.A. (Marshall University)  
*Dissertation:* The Implications of the Technological Society for the Teaching of Social Studies  
*Field of Specialization:* Education
- James Michael Ketchel, Falls Church, Va.  
A.B. (San Francisco State College); M.A. (San Jose State College)  
*Dissertation:* The Development of Methodology for Evaluating the Effectiveness of a Volunteer Health Planning Organization  
*Field of Specialization:* Psychology
- Sangsin Kim, Flushing, N. Y.  
M.D. (Catholic Medical College); M.S.  
*Dissertation:* The Histochemistry of Creatine Kinase  
*Field of Specialization:* Pathology
- Betty Friedman Klapper, Columbus  
B.S. (University of Michigan); M.A. (University of California at Berkeley)  
*Dissertation:* Studies on the Extracellular Protease of *Aspergillus Oryzae*: Catalytic Properties and Biological Appearance  
*Field of Specialization:* Botany
- James Earl Klinzing, West Allis, Wis.  
B.S. (Wisconsin State University); M.A.  
*Dissertation:* The Metabolic Energy Sources as Affected by Interval Training  
*Field of Specialization:* Physical Education
- August Wilfred Korb, Havre, Mont.  
B.S. (Northern Montana College); M.Ed. (Colorado State University)  
*Dissertation:* A Study of Selected Practices in the Use of Advisory Committees, Community Surveys, and Placement Services in Trade and Industrial Education Programs in Ohio  
*Field of Specialization:* Education



Mark Anthony Krabbe, Cincinnati  
A.B. (University of Dayton) ; M.A.  
*Dissertation*: High School Seminaries in Ohio  
*Field of Specialization*: Education

Joseph Clement Kretschmer, Columbus  
B.S.Ed. (University of Missouri) ; M.A. (California State  
College at Los Angeles)  
*Dissertation*: Measuring Reading Comprehension  
*Field of Specialization*: Education

Bette Emeline Landman, Philadelphia, Pa.  
B.S. in Ed. (Bowling Green State University) ; M.A.  
*Dissertation*: Household and Community in Canouan,  
British West Indies  
*Field of Specialization*: Anthropology

Lloyd Richard Larcom, Troy  
B.S., M.A.  
*Dissertation*: The Regressive Effects of Frustration upon  
the Concrete Reasoning Ability of Seven-Year-Old Boys  
*Field of Specialization*: Psychology

Graham John Larson, Sandstone, Minn.  
B.A. (Gustavus Adolphus College) ; M.S.  
*Dissertation*: A Study of the Relative Effects of Patterns  
of Repetition on the Learning and Retention of the Limit  
Concept in a College Mathematics Course  
*Field of Specialization*: Education

Russell Lomax Leonard, Jr., Richmond, Va.  
B.A. (University of Richmond) ; M.A.  
*Dissertation*: Congruity of Expectations and Personality  
Characteristics as Determinants of Decisions in a  
Simulated Employment Interview Setting  
*Field of Specialization*: Psychology

Sigmund Alan Lephart, Columbus  
B.S.Ed. (Ohio University) ; M.S. (University of Illinois)  
*Dissertation*: A Mechanical Analysis of Forward  
Somersaulting Skills in Rebound Tumbling  
*Field of Specialization*: Physical Education

Dale Franklin Levering, Jr., Grantsville, W. Va.  
A.B. Ed. (Glenville State College) ; M.S.  
*Dissertation*: An Autecological Study of *Polygonatum  
pubescens* (Willd.) Pursh and *Polygonatum biflorum*  
(Walt.) Ell. Emphasizing Inter- and Intra-Specific  
Photosynthetic and Respiratory Rate Variation  
*Field of Specialization*: Botany

Ann Elizabeth Liston, Wooster  
B.A., M.A. (Michigan State University)  
*Dissertation*: W. C. Rives: Diplomat and Politician,  
1829-53  
*Field of Specialization*: History

David Richard Long, Albion, N. Y.  
B.S. (Cornell University) ; M.S.  
*Dissertation*: Impacts of the Food Stamp Program on  
Rural Non-Farm Ohio Participants  
*Field of Specialization*: Agricultural Economics and  
Rural Sociology

Gale Harold Long, Oberlin, Kan.  
B.A. (University of Utah) ; M.A.  
*Dissertation*: The Novels of Robert Pinget, The Impossible  
Quest for Truth and Meaning of Self: 1951-1969  
*Field of Specialization*: Romance Languages and  
Literatures

Robert Evans Love, Grosse Pointe, Mich.  
A.B. (Oberlin College) ; M.A.  
*Dissertation*: Failure of Inadvertant Nonverbal Behaviors  
to Reflect Attitudes toward Communication  
*Field of Specialization*: Psychology

Mary Frances Lovern, Glade Spring, Va.  
B.A. (Emory and Henry College) ; M.S. (Virginia  
Polytechnic Institute)  
*Dissertation*: Guidelines for the Pursuit of Full Humanity  
in a Secondary English Program  
*Field of Specialization*: Education

Hsiao-tung Lu, Taipei, Taiwan  
B.A. (Taiwan Normal College) ; A.M. (University of  
Michigan)  
*Dissertation*: The Verb-Verb Construction in Mandarin  
Chinese  
*Field of Specialization*: Linguistics

Paul C. Lunsford, Maineville  
B.S., M.Ed. (Xavier University)  
*Dissertation*: A Study of Governmental Inquiries into  
Alleged Staged News Practices of Two Television News  
Documentaries  
*Field of Specialization*: Speech Communication

Edward Ellsworth Lyon, Muncie, Ind.  
B.S. in Edu., M.S. in Edu. (Illinois State Normal  
University)  
*Dissertation*: The Teaching of a College Level Physical  
Geography-Earth Science Course by an  
Audio-Visual-Tutorial Independent Study Method: An  
Evaluation  
*Field of Specialization*: Education

Leo Joseph Macias, Cathedral City, Calif.  
B.A. (University of Utah) ; M.A.T. (University of New  
Mexico)  
*Dissertation*: The Use of Simulation in Foreign Language  
Teacher Education in Activity-Specific Teaching  
Situations  
*Field of Specialization*: Education

Louis Mario Martucci, Troy, N.Y.  
B.S. (Union College) ; M.S.  
*Dissertation*: Image-Quality Effects on Image-Geometry of  
a Mapping Camera  
*Field of Specialization*: Geodetic Science

Bruce Leslie Maurer, Ferguson, Mo.  
B.S. (University of Illinois) ; M.S. (University of  
Washington)  
*Dissertation*: A Multivariate Analysis of Student, Faculty  
and Administrators' Attitudes toward the Division of  
University Recreation and Intramural Sports at The Ohio  
State University  
*Field of Specialization*: Physical Education

Gerald McCalden, New South Wales, Australia  
B.A., B.Comm. (University of Dublin) ; B.A., Litt. B.,  
M.A. (University of New England) ; M.S.  
*Dissertation*: A Review of Macrogeographic Concepts  
*Field of Specialization*: Geography

- Thomas Andrew McClure, Wapakoneta  
B.S.Agr., M.S.  
*Dissertation*: An Economic Analysis of Retail Fertilizer Plant Operations in the Midwestern United States  
*Field of Specialization*: Agricultural Economics and Rural Sociology
- Robert Francis McEniry, St. Louis, Mo.  
A.B., A.M., S.T.L. (Saint Louis University)  
*Dissertation*: The Existential Approach to Encounter in Rollo May  
*Field of Specialization*: Education
- Leo McGee, Columbus  
B.A. (Philander Smith College); M.A.  
*Dissertation*: Adult Education for the Black Man in America, 1860-1880: An Historical Study of the Types  
*Field of Specialization*: Education
- Gerald Douglas McNamee, Cuyahoga Falls  
B.A. (Salem College, West Virginia); M.A.  
*Dissertation*: A Study to Identify and Compare Selected Differences among Employed Blacks, Employed Blacks with Advanced Education or Training and Disadvantaged Black Manpower and Development Trainees  
*Field of Specialization*: Education
- Carol Boyd Meeks, Stoutsville  
B.S.H.E., M.S.  
*Dissertation*: Prediction of Maintenance and Improvement Behavior of Small Town Ohio Home Owners  
*Field of Specialization*: Home Economics
- Charles Emerald Nesbitt, Columbus  
B.A. (Philander Smith College); M.A.  
*Dissertation*: Proposed Basic Criteria Needed for Developing Relevant Adult Basic Education Programs for Use in Urban Black Communities  
*Field of Specialization*: Education
- Keith Jackson Newlon, Columbus  
A.B. (Ohio University); M.A.  
*Dissertation*: Pragmatic Idealism: Ideological Tension in the American Newspaper Polemics, 1764-1776  
*Field of Specialization*: History
- Isao Nishihira, Naha, Okinawa  
B.A. (Okinawa University); M.A.  
*Dissertation*: Western Influence on the Modernization of Japanese Education, 1868-1912  
*Field of Specialization*: Education
- Douglas Warren Ohlin, Baltimore, Md.  
B.S. (Towson State College); M.A.  
*Dissertation*: Psychological Space among Six English Stop Consonants as Measured in Short-Term Memory  
*Field of Specialization*: Speech Communication
- Joseph Paul Okang, Accra, Ghana  
B.Sc. (University of Science and Technology, Ghana); M.S.  
*Dissertation*: Comparative Study of Point Marking Devices and Their Suitability for Photogrammetric Problems  
*Field of Specialization*: Geodetic Science
- Wayne Arthur Oliver, Huntsburg  
B.A. (Hiram College); M.A.  
*Dissertation*: Childbirth Expectancies and Experiences as a Function of Locus of Control and Lamaze Training  
*Field of Specialization*: Psychology
- Bade Onimode, Agbaja, Nigeria  
B.Sc. (University of Ibadan); M.A. (University of Chicago)  
*Dissertation*: Education, Manpower and the Economic Development of Nigeria, 1950-70  
*Field of Specialization*: Economics
- Olav Orheim, Bergen, Norway  
Cand. Mag., Cand. Real. (Bergen University)  
*Dissertation*: A 200-Year Record of Glacier Mass Balance at Deception Island, Southwest Atlantic Ocean, and Its Bearing on Models of Global Climatic Change  
*Field of Specialization*: Geology
- Gus George Orphanides, Forest Hills, N. Y.  
B.S. (Hobart College)  
*Dissertation*: The Chemistry of 2- and 3-Thenylidenes; Carbenic and Cationic Reactions of  $\beta$ -Diazo Thioesters  
*Field of Specialization*: Chemistry
- Wilma Rose Parr, Springfield  
B.S.A. (Ohio University); M.Ed. (Wittenberg University)  
*Dissertation*: Attitudes of Students and Faculty Concerning the Ideal Learning Community and the Real Learning Situation at a Two-Year Post High School Institution  
*Field of Specialization*: Education
- Warren Ingram Paul, Elizabeth, N.J.  
B.A. (Rutgers University); M.A. (Newark State College)  
*Dissertation*: A Rationale for Teacher Education at Kansas State University  
*Field of Specialization*: Education
- Anne Logan Pervaneau, Columbus  
Ed.B. (Rhode Island College of Education); M.S.  
*Dissertation*: Interline and Chromosomal Analyses of Different Strains of *Drosophila melanogaster* Homozygous for the Cubitus Interruptus Gene  
*Field of Specialization*: Genetics
- Kerstin DeLong Philips, Englishtown, N.J.  
B.S. (Pennsylvania State University); M.S.  
*Dissertation*: Synthesis of Amino Sugars and Reactions of Their Derivatives with Nitrous Acid  
*Field of Specialization*: Chemistry
- William Frederick Pinar, Columbus  
B.S.Ed., M.A.  
*Dissertation*: Humanities Program: Critique and Rationale  
*Field of Specialization*: Education
- Sally Ann Plummer, Newark  
A.B. (Hiram College); M.A.  
*Dissertation*: The Effects of Perception of Twenty-two Conditions of Band-pass Filtering on Three Types of Verbal Material  
*Field of Specialization*: Speech

Rolando Jorge Pomareda, Santiago, Chile  
 Prof. (University of Chile) ; M.S.  
*Dissertation*: A Generalization of a Result of J. G. Thompson  
*Field of Specialization*: Mathematics

David Deas Sinkler Poor, Washington, D. C.  
 A.B. (Harvard College) ; M.A.  
*Dissertation*: Invariance of Multidimensional Configurations  
*Field of Specialization*: Psychology

Kerry Edwin Ragg, Christchurch, New Zealand  
 Diploma (University of Otago) ; M.S. (Ohio University)  
*Dissertation*: The Effects of Selected Recovery Periods during Interval Training upon Metabolic Energy Sources  
*Field of Specialization*: Physical Education

Wade Hampton Reeves, Modesto, Calif.  
 B.S., M.Ed. (University of California, Davis)  
*Dissertation*: Church-Related Programs in Agricultural Education in Cameroun and Uganda, Africa  
*Field of Specialization*: Agricultural Education

Richard Alma Reid, Bunkerville, Nev.  
 B.S. in Agr. (University of Nevada) ; M.E. (Colorado State University)  
*Dissertation*: Guidelines for Evaluation Activities Conducted by State Advisory Councils for Vocational and Technical Education  
*Field of Specialization*: Agricultural Education

Elizabeth Waldkoetter Reiss, Columbus  
 B.S.Ed., M.A.  
*Dissertation*: The Influence of Race and Social Class upon the Measurement of Intelligence, Cognitive Style and Direct Learning Ability  
*Field of Specialization*: Psychology

Ronald Richard Remick, Des Plaines, Ill.  
 B.S.Ch.E. (Purdue University) ; M.S.  
*Dissertation*: Binary and Ternary Gas Diffusion through Fine Pores in the Transition Region between the Knudsen and Molecular Regions  
*Field of Specialization*: Chemical Engineering

Nelson Andrew Riedel, Columbus  
 B.E.E., M.S.  
*Dissertation*: Digitally Companded Delta Modulation  
*Field of Specialization*: Electrical Engineering

James Carson Rock, Easton, Pa.  
 B.S.E.E. (Syracuse University) ; M.S.  
*Dissertation*: Recursive Plane Analysis: Its Application to the Study of Phase-Locking in Non-Uniform Signal-Dependent Sampling Techniques  
*Field of Specialization*: Electrical Engineering

Lynn Carroll Rogers, Dayton  
 B.S. in M.E. (Purdue University) ; M.S.  
*Dissertation*: Bi-Normal Coordinates in Discrete Systems with Application to an Aircraft Shimmy Problem  
*Field of Specialization*: Engineering Mechanics

James Lamar Ross, Chicago, Ill.  
 B.S.Ed., M.A. (University of Georgia)  
*Dissertation*: Police and Protest: Attitudes and Perspectives in a Campus Disturbance  
*Field of Specialization*: Sociology

Charles Henry Rowell, Auburn, Ala.  
 B.S. (Alabama Agricultural and Mechanical College) ; M.A. (University of Missouri)  
*Dissertation*: Afro-American Literary Bibliographies: An Annotated List of Bibliographical Guides for the Study of Afro-American Literature, Folklore and Related Areas  
*Field of Specialization*: English

Thomas Lee Sands, Columbus  
 B.A., B.S.Ed., M.A.  
*Dissertation*: The Development of an Instructional Communication Analysis System  
*Field of Specialization*: Education

John Harvey Saylor, Van Wert  
 B.S.Ed., M.A.  
*Dissertation*: Intelligence, Personality, and Demographic Correlates of Orientation and Mobility Skills, Personal-Social Skills and Vocational Skills of Blind Persons  
*Field of Specialization*: Education

Maurice Emanuel Scheetz, II, Lima  
 B.A. (Ohio Wesleyan University) ; M.S.  
*Dissertation*: The Transfer of Tuberculin Sensitivity and Cytotoxicity against Tumor Cells to Human Peripheral Blood Lymphocytes Using Xenogeneic Ribonucleic Acid  
*Field of Specialization*: Microbiology

Sister Mary Rosita Schiller, Detroit  
 B.S. (Mercy College) ; M.S. (Michigan State University)  
*Dissertation*: The Clinical Dietitian: Role Concensus of Dietitians and Physicians  
*Field of Specialization*: Home Economics

Kenneth Ronald Schott, Washington, W. Va.  
 B.A. (David Lipscomb College) ; M.A. (Ohio University)  
*Dissertation*: An Analysis of Henry Drummond and His Rhetoric of Reconciliation  
*Field of Specialization*: Speech Communication

Howard Wayne Schuth, Columbus  
 B.S., M.A. (Northwestern University)  
*Dissertation*: The College Milieu in the American Fiction Film with Emphasis on the Work of Mick Nichols: A Study in Belief Systems  
*Field of Specialization*: Speech Communication

Susan Jones Sears, Columbus  
 B.S.Ed., M.Educ. (University of Toledo)  
*Dissertation*: The Relationship between Sociodramatic Play and School Achievement of Second Grade Low Socioeconomic Status Black Children  
*Field of Specialization*: Education

Thomas Michael Seed, Glen Rock, N. J.  
 B.A. (University of Connecticut) ; M.S.  
*Dissertation*: Erythrocyte Membrane Alterations and Associated Plasma Changes Induced by *Plasmodium gallinaceum* Infection  
*Field of Specialization*: Microbiology

\*David Winfield Short, Fort Lauderdale, Fla.  
 B.S. in Met. E. (University of Pennsylvania)  
*Dissertation*: The Influence of Surface Charge and Surface Structure on the Sublimation of Ionic Crystals  
*Field of Specialization*: Metallurgical Engineering

\* Also Master of Science, Graduate School

- Joseph Samuel Shveima, Philadelphia, Pa.  
B.S. (Drexel Institute of Technology)  
*Dissertation:* The Application of Magnetic Circular Dichroism to Transition Metal Complexes of Tetragonal Symmetry  
*Field of Specialization:* Chemistry
- William David Siegfried, Chappaqua, N. Y.  
B.A. (Trinity College); M.A. (C.W. Post College of Long Island University)  
*Dissertation:* The Joint Effects of Item Favorability and Item Relevance on the Judgment of Employment Resumes under Three Instructional Conditions  
*Field of Specialization:* Psychology
- Mehar Singh, Jammu-Tawi, India  
B.V.Sc. and A.H. (Bihar University); M.V.Sc. (University of Bombay)  
*Dissertation:* Effect of Prenatal Administration of Estrogen and Progesterone on the Reproductive Function in the Female Rat  
*Field of Specialization:* Dairy Science
- Marilyn Joel Sjoborg, Minneapolis, Minn.  
B.A. (University of Minnesota); A.M. (Columbia University)  
*Dissertation:* Turkish Loanwords in the Language of Aleksa Santic  
*Field of Specialization:* Slavic Languages and Literatures
- Fiona Jane MacKinnon Slaney, Granville  
B.A. (Denison University); M.S. in Ed. (University of Bridgeport)  
*Dissertation:* Some Correlates of Achievement Motivation in Women in Student Personnel Work  
*Field of Specialization:* Education
- Michael Todd Smallwood, Minerva  
B.A. (College of Wooster); M.A.  
*Dissertation:* The Failure of Prime Minister Schwarzenberg's Bund Policies: A Re-evaluation of the Olmütz and Dresden Conferences  
*Field of Specialization:* History
- Marilyn Dix Smith, Worthington  
B.S. Phar.  
*Dissertation:* The Development of an Amperometric Method of Measuring NADH-Coupled Enzyme Concentrations Using Bindschedler's Green  
*Field of Specialization:* Pharmacy
- Margaret Frisbee Sommer, Columbus  
B.A. (William Smith College); M.A. (University of Maine)  
*Dissertation:* The Ohio State Bar Association: The First Generation, 1880-1912  
*Field of Specialization:* History
- John Matthew Soptick, Shawnee Mission, Kan.  
B.A. (Rockhurst College); M.A.  
*Dissertation:* A Follow-Up Study of Graduates of Selected Training Programs in Educational Research  
*Field of Specialization:* Education
- Michael Sheppard Speer, Indianola, Miss.  
B.A. (University of the South)  
*Dissertation:* Urbanization and Reform: Columbus, Ohio, 1870-1900  
*Field of Specialization:* History
- Harold Walter Squire, Columbus  
B.A. (Grinnell College); M.B.A.  
*Dissertation:* A Theory of Dual Allocation of Overhead  
*Field of Specialization:* Business Administration
- Ajit Kumar Srivastava, Nainital, India  
B.Sc. (United Provinces Agricultural University, India); M.S. (Rutgers University)  
*Dissertation:* Grain-Straw Separation in a Centrifugal Force Field  
*Field of Specialization:* Agricultural Engineering
- Joseph Ray Steiner, Bluffton  
B.S. (Bluffton College); M.S.W. (University of Michigan)  
*Dissertation:* The Effect of Family-Centered Versus Wife-Centered Obstetrical Care upon Family Life  
*Field of Specialization:* Social Work
- Brian Sternthal, Montreal, Que., Canada  
B.Sc. (McGill University); M.A.  
*Dissertation:* Persuasion and the Mass Communication Process  
*Field of Specialization:* Business Administration
- Frank Donald Stull, Olean, N. Y.  
B.M.E. (Rensselaer Polytechnic Institute); M.S.  
*Dissertation:* Investigation of Ribbed Diffusers  
*Field of Specialization:* Mechanical Engineering
- Edward Eugene Swingle, Mt. Vernon  
B.A., M.A.  
*Dissertation:* The Nature of Sentential Bonds and Their Relationship to Recognition and Recall  
*Field of Specialization:* Speech Communication
- Donald Stanley Tompkins, Brooklyn, N. Y.  
B.A. (Brooklyn College); M.A.  
*Dissertation:* Group Effectiveness as a Function of Leadership Style Moderated by Stage of Group Development  
*Field of Specialization:* Psychology
- Billy James Vice, Lexington, Ky.  
B.S.Agr. (Berea College); M.S.Ed. (University of Kentucky)  
*Dissertation:* Variables Related to Continuing Agricultural Education in Kentucky Schools  
*Field of Specialization:* Agricultural Education
- Robert John VonGruenigen, Don Mills, Ont., Canada  
B.Mus. (Heidelberg College); M.F.A. (Ohio University)  
*Dissertation:* Programed Instruction in Clarinet Pedagogy: A Feasibility Study  
*Field of Specialization:* Music
- Joseph Richard Votano, Lawrence, Mass.  
B.S. (University of Massachusetts)  
*Dissertation:* The Structural Study of the Hexagonal Phase of Single Crystals of Deuterium  
*Field of Specialization:* Chemistry
- Jerry Phillip Walker, Columbus  
B.S., M.S. (Colorado State University)  
*Dissertation:* An Analysis of Differential Perceptions toward Educational Research and Development Held by Professional Staff Members of Research and Development Centers and Development Laboratories  
*Field of Specialization:* Education

Roger Peyton Wallins, New York, N. Y.  
A.B. (City College of New York); M.A.  
*Dissertation*: The Emerging Victorian Social Conscience  
*Field of Specialization*: English

David Moulton Walton, Lakewood  
A.B. (Stanford University); M.A.  
*Dissertation*: Inter- and Intra-Species Social Attraction in Rodents: Four Experiments  
*Field of Specialization*: Psychology

Wayne Jacob Astor Walton, Jr., St. Paul, Minn.  
A.B. (Drury College); M.S. (University of Arizona)  
*Dissertation*: Phase Equilibrium in the System  $Mg_2(PO_4)_2$ - $Ca_2(PO_4)_2$ - $MgSiO_3$  (Farringtonite-Whitlockite-Forsterite) at One Atmosphere Pressure  
*Field of Specialization*: Mineralogy

Ming Tsung Wang, Taipei, Taiwan  
M.S. (Virginia Polytechnic Institute)  
*Dissertation*: Stress Corrosion Cracking in High Strength Steels  
*Field of Specialization*: Metallurgical Engineering

Joseph L. Watras, II, Honolulu, Hawaii  
A.B. (Boston University); M.Ed. (University of Hawaii)  
*Dissertation*: Sedation under Glass: A Study of Ideology in Education  
*Field of Specialization*: Education

John Wilson Weatherford, Athens, Ga.  
B.A.Ed. (East Central State College); M.S. (Oklahoma State University)  
*Dissertation*: Identification and Analysis of the Current Issues in Distributive Education  
*Field of Specialization*: Education

Michael Weatherly, Columbus  
B.A. (Stephen F. Austin State College); M.A. (Bowling Green State University)  
*Dissertation*: The Comparative Communicative Power of Channels in the Dissemination of Information  
*Field of Specialization*: Speech Communication

Mary Johnson Wellington, Jaipur, India  
B.A. (University of Lucknow); M.A. (George Peabody College for Teachers)  
*Dissertation*: A Proposed Child Development Laboratory Program for Students and Parents in a College of Home Science in India  
*Field of Specialization*: Home Economics

Lizette Islyn Westney, Columbus  
B.A., M.A. (Howard University)  
*Dissertation*: Erasmus's *Parabolae Sive Similia*: An English Translation with a Critical Introduction  
*Field of Specialization*: English

John Hunter Wheatley, Roanoke, Va.  
B.A., M.A.T. (Duke University)  
*Dissertation*: A Scheme for Evaluating the Audio-Tutorial Biology Laboratory in the Cognitive and Affective Domains  
*Field of Specialization*: Education

Mary Lou Usery White, Columbus  
B.S. in Edu. (University of Akron); M.S.Educ. (University of Wisconsin)  
*Dissertation*: Structural Analysis of Children's Literature: Picture Storybooks  
*Field of Specialization*: Education

Thelma Dennis White, Columbus  
B.S.Ed., M.A.  
*Dissertation*: Training Parents in a Group Situation to Use Behavior Modification Techniques to Reduce Frequency of Maladaptive Behavior in Their Learning Disabled Child  
*Field of Specialization*: Psychology

Phoebe Amelia Wienke, Buffalo Grove, Ill.  
B.S. (Western Michigan College); M.S. (Northern Illinois University)  
*Dissertation*: A Plan of Recommended Practices for the Operation of the Educational Placement Office at The Ohio State University  
*Field of Specialization*: Education

Gerald G. Wilhelm, Wheeling, W. Va.  
A.B. (West Liberty State College); M.A., (West Virginia University)  
*Dissertation*: Behavioral Approaches in Family Intervention  
*Field of Specialization*: Education

David Edward Wilson, Lancaster  
B.S. (Wittenberg College)  
*Dissertation*: Nonanalytic Interactions in Scalar Quantum Field Theory: A Perturbation Treatment Using Functional Integration  
*Field of Specialization*: Physics

Jerry Lee Wircenski, Columbus  
B.S.Ed., M.A.  
*Dissertation*: Career Aspirations of the Ninth and Tenth Grade Students in the South-Western City School District  
*Field of Specialization*: Education

Rodney Ellis Wyse, Cedarville  
A.B. (Wheaton College); M.B.A. (University of Arizona)  
*Dissertation*: Attitudes of Selected Black and White College Business Administration Seniors toward Recruiters and the Recruiting Process  
*Field of Specialization*: Business Administration

Gary Eugene Young, Shelby  
B.S.Ed. (Ashland College); M.A.  
*Dissertation*: Differential Predictive Validity of the American College Test (ACT) for Minority and Non-Minority Students  
*Field of Specialization*: Education

Jiang Tsu Yu, Taipei, Taiwan  
B.S. (National Taiwan University)  
*Dissertation*: EPR of Rare-Earth Impurities in Single Crystals of ZnSe and CdS  
*Field of Specialization*: Physics

Julius Y. K. Zake, Kampala, Uganda  
B.S., M.S. (Michigan State University)  
*Dissertation*: The Effect of Sulfur on the Yield and Quality of Finger Millet in Uganda  
*Field of Specialization*: Agronomy

Jonathan Walter Zophy, Holland, Mich.  
B.A. (Michigan State University); M.A.  
*Dissertation*: Christoph Kress: Nürnberg's Foremost Reformation Diplomat  
*Field of Specialization*: History

### Master of Accounting

#### Two candidates

Harlan Allen Burns, Mansfield  
B.S.Bus.Adm.  
*Field of Specialization:* Accounting

Walter Kurt Schulz,  
Hamburg, Germany  
Diplom (University of Munster)  
*Field of Specialization:* Accounting

### Master of Architecture

#### Five candidates

David Phillips Hutchison, Springfield  
A.B. (Princeton University)  
*Field of Specialization:* Architecture

Darold Dean Irvine,  
Grand Island, Neb.  
B.Arch. (University of Nebraska)  
*Field of Specialization:* Architecture

Siu-Chung Lau, Kowloon, Hong Kong  
B.S. (Taiwan Cheng Kung  
University); B.Arch. (University of  
Oregon)  
*Field of Specialization:* Architecture

Ronald James Trick, Columbus  
B.Arch.  
*Field of Specialization:* Architecture

### Master of Arts

#### Three hundred and twenty-five candidates

Jack Ronald Abo, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Violet Anselmini Allain, Columbus  
B.A. (Northeastern Illinois State  
College)  
*Field of Specialization:* Education

Donald Gene Allen, Portage, Wis.  
B.S. (Wisconsin State University)  
*Field of Specialization:* Political  
Science

Rodney Wilder Allwood, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Jon Wayne Alquist, Dayton  
B.A. (University of Arizona)  
*Field of Specialization:* Journalism

Martin John Anastasi, Springfield  
B.S.  
*Field of Specialization:* Journalism

Marguerite S. Andrews, Columbus  
B.S. (College of the Ozarks)  
*Field of Specialization:* Education

Jane Marilyn Angene, Bucyrus  
B.S.Ed.  
*Field of Specialization:* Education

Mohamed Sami Anwar, Cairo, Egypt  
B.A. (Ein Shams University); M.A.  
(American University)  
*Field of Specialization:* Linguistics

Susan Arlynn Anzivino, Hubbard  
B.A. (University of Dayton)  
*Field of Specialization:* Psychology

Harry John Apostolos, Canton  
B.S.Bus.Adm.  
*Field of Specialization:* Economics

Alison Armstrong, Columbus  
B.A.  
*Field of Specialization:* English

Helen Louise Blackburn Armstrong,  
Worthington  
B.S. (Purdue University)  
*Field of Specialization:* Education

Robert Elliott Aston, Worthington  
B. of Gen.Educ. (University of  
Nebraska-Omaha)  
*Field of Specialization:* Political  
Science

Ronald David Bachman, Rulo, Neb.  
A.B. (University of Nebraska)  
*Field of Specialization:* Slavic  
Languages

Susan Joyce Bailey-Litton, Dayton  
*Field of Specialization:* Romance  
Languages

Richard Allen Ball, Westerville  
B.S.Ed.  
*Field of Specialization:* Education

Ray Albert Ballinger, Gahanna  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Education

Candye Gene Barnes, Memphis, Tenn.  
B.A. (University of Mississippi)  
*Field of Specialization:* English

Glenna McGuire Barr, Greenfield  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Education

Vincent Edward Barra, Delaware  
B.A. (Youngstown State University)  
*Field of Specialization:* Education

Joanne Ford Barrere, Columbus  
B.S.Soc.Adm.  
*Field of Specialization:* Education

Mary Kraft Barth, Eden, N. Y.  
B.A. (Rosary Hill College)  
*Field of Specialization:* Economics

Naoma McCammon Bauman,  
Worthington  
B.A. (Oklahoma Agricultural and  
Mechanical College)  
*Field of Specialization:* Education

Robert Lee Baumann, Mansfield  
B.A. (Wittenberg University)  
*Field of Specialization:* Philosophy

Fredericka Joan Baytos, Warren  
B.A. (Rosary Hill College)  
*Field of Specialization:* Sociology

Alan B. Bearman, Clayton, Mo.  
B.A. (Southern Illinois University)  
*Field of Specialization:* Sociology

Ted Arthur Beattie, Columbus  
B.A.Jour.  
*Field of Specialization:* Journalism

William Purdy Bedford, Jr.,  
Bridgeport, Ill.  
A.B. (Morehead State College)  
*Field of Specialization:* Classics

Robin Jean Bell, Monroeville, Pa.  
B.A. (Wittenberg University)  
*Field of Specialization:* English

Harold Ronell Benson,  
Tabor City, N. C.  
B.S. (Morris College)  
*Field of Specialization:* Education

William Harry Berentsen,  
Northfield, Minn.  
A.B. (Dartmouth College)  
*Field of Specialization:* Geography

Janice Rae Bykowski Berkowitz,  
Columbus  
B.A. (University of Michigan)  
*Field of Specialization:* Romance  
Languages

William Joseph Billingshurst,  
Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Dennis Stephen Bilous, Fullerton, Pa.  
B.A. (Villanova University)  
*Field of Specialization:* History

Carol Lehman Bontrager, Berne, Ind.  
B.A. (Goshen College)  
*Field of Specialization:* English

Allen Hale Brainerd, Harborside, Me.  
A.B. (Dartmouth College)  
*Field of Specialization:* Geography

Roberta Louise Brennenstuhl, Eastlake  
B.S.Ed. (Miami University)  
*Field of Specialization: Education*

Eric Dorn Brose, Oxford  
B.A. (Miami University)  
*Field of Specialization: History*

Patricia Krizinski Brown, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Linda Lee Buck, New Bloomington  
B.S.Ed.  
*Field of Specialization: Education*

Betty Chambers Buckner, Knoxville, Tenn.  
A.B. (Tennessee Agricultural and Industrial State College)  
*Field of Specialization: Education*

David Michael Bush, Wellsville  
B.A.  
*Field of Specialization: Political Science*

Janis Eileen Bush, Mt. Morris, N. Y.  
B.A. (State University College of New York, Cortland)  
*Field of Specialization: Education*

Harry G. Butterfield, III, Kansas City, Mo.  
B.F.A. (Kansas City Art Institute)  
*Field of Specialization: Art*

Allison Louise Cahill, Norwalk  
B.S. (Southern Connecticut State College)  
*Field of Specialization: History of Art*

Maria Caridad Campo, New Orleans, La.  
B.S. (Louisiana State University)  
*Field of Specialization: Romance Languages*

Barbara Joan McNutt Cape, Columbus  
B.A. (Bowling Green State University)  
*Field of Specialization: Journalism*

Barry Allan Cermak, North Olmsted  
A.B. (Cornell University)  
*Field of Specialization: Education*

Shiu-li Shirley Chang, Taichung, Taiwan  
B.A. (National Taiwan University)  
*Field of Specialization: East Asian Languages*

Kathryn Kriebbaum Chappell, North Olmsted  
B.Mus.Ed.  
*Field of Specialization: Music*

Bong Kil Chung, Chonbuk, Korea  
B.A. (Won Kwang University);  
M.A. (Roosevelt University)  
*Field of Specialization: Philosophy*

Clinton E. Churchman, Wilberforce  
A.B. (Central State University)  
*Field of Specialization: Education*

Karen Lynn Cirbes, Cleveland  
B.S.Ed.  
*Field of Specialization: Education*

David John Citino, Cleveland  
A.B. (Ohio University)  
*Field of Specialization: English*

Beverly Bigelow Clark, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Russell Allen Cochrane, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Harold David Cole, Olmsted Falls  
B.A., M.A. (University of Tulsa)  
*Field of Specialization: History of Art*

Maureen Elizabeth Coll, Columbus  
R.S.Ed. (West Chester State College)  
*Field of Specialization: Physical Education (Health Education)*

Robert Joseph Collins, Columbus  
B.A. (Xavier University)  
*Field of Specialization: English*

John Charles Konkright, Auburn, N. Y.  
B.A. (Le Moyne College)  
*Field of Specialization: English*

James Anthony Contadino, Columbus  
B.S.Ed. (University of Dayton)  
*Field of Specialization: Education*

Robert Leon Andre Cote, Sheffield, Mass.  
A.B. (Saint Anselm's College)  
*Field of Specialization: Education*

Kenneth Mark Craig, Columbus  
B.A.  
*Field of Specialization: History of Art*

Lida Scurlock Craig, Fort Smith, Ark.  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: History of Art*

Barbara Anne Crockett, Findlay  
B.Mus.Ed.  
*Field of Specialization: Music*

Stanley Joseph Crognale, Jr., Columbus  
B.A.  
*Field of Specialization: Political Science*

Roseanna Ross Crook, Lancaster  
B.S.Ed. (Ohio University)  
*Field of Specialization: Speech Communication*

Frank Eugene Cushing, Jr., Columbus  
B.S.Ed. (Kansas State Teachers College)  
*Field of Specialization: Education*

John Czekner, Jr., Allentown, Pa.  
B.A. (Pennsylvania Military College)  
*Field of Specialization: History*

Laura Jean Perrotta D'Amore, Columbus  
B.A. (Caldwell College for Women)  
*Field of Specialization: English*

Susan E. Schwartz Danziger, Columbus  
B.A.  
*Field of Specialization: Sociology*

Gerold Lee Davidson, Columbus  
B.S.Ed.  
*Field of Specialization: Art*

Sharon Bliss Dinsmore, Kettering  
B.S.  
*Field of Specialization: Psychology*

William Paul Dixon, Columbus  
B.S.Ed.  
*Field of Specialization: Education*

Anne Claire Doherty, St. Charles, Mo.  
A.B. (Lindenwood College)  
*Field of Specialization: History of Art*

Robert Eugene Domer, Coshocton  
B.S. (Wilmington College)  
*Field of Specialization: Education*

Paul Dean Doray, Worthington  
B.G.S. (University of Nebraska)  
*Field of Specialization: Education*

John Gary Drummond, Mt. Sterling  
B.S.Ed.  
*Field of Specialization: Education*

Linda Gayle Dudley, Columbus  
B.A. (University of South Florida)  
*Field of Specialization: Education*

John Carah Dunn, Jr., Columbus  
B.A. (Otterbein College)  
*Field of Specialization: Education*

John Richard Eddy, Marion  
B.S. Ed.  
*Field of Specialization: Education*

Carol Jean Edmondson, Columbus  
B.A. (Ohio Wesleyan University)  
*Field of Specialization: Psychology*

- Diane Marie Dieden Ege, Fairborn  
B.A. (University of Dayton)  
*Field of Specialization:* Speech  
Communication
- Mary Anna Howell Elser, Columbus  
B.S. (Roberts Wesleyan College)  
*Field of Specialization:* Music
- Madeline Bragar Engolz, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Diana Wahl Eversole, Carroll  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Education
- Alison Lanza Falls,  
West Hempstead, N. Y.  
B.A. (State University of New York,  
Binghamton)  
*Field of Specialization:* Economics
- Luciano F. Farina, Columbus  
B.S.T. (Catholic University of  
America); M.Div. (Pontifical College  
Josephinum)  
*Field of Specialization:* Romance  
Languages
- Maria del Carmen Farinas,  
Elkins, W. Va.  
D.En Derecho (University of Havana)  
*Field of Specialization:* Romance  
Languages
- Stephen Samuel Feldstein,  
Brooklyn, N. Y.  
B.A. (City College, New York)  
*Field of Specialization:* Education
- Patricia Ann Fox, Greeneville, Tenn.  
B.S.Ed. (University of Delaware)  
*Field of Specialization:* Education
- Alice Pickett Franklin, Columbus  
A.B. (Agricultural, Mechanical and  
Normal College)  
*Field of Specialization:* Sociology
- Rita Marie Fredendall, Columbus  
B.S. in Ed. (Capital University)  
*Field of Specialization:* Education
- Daniel William Freund, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Carlton Ford Fry, Muskegon, Mich.  
B.S. (Western Michigan University)  
*Field of Specialization:* Speech  
Communication
- Ann Justine Furlong, Delaware  
B.S.Ed.  
*Field of Specialization:* Education
- Janet Wells Gamble, Nashville, Tenn.  
B.A. (Maryville College)  
*Field of Specialization:* English
- Stuart Irwin Garson, Cleveland  
B.A.  
*Field of Specialization:* Education
- Jill Marsha Gellerman,  
Milwaukee, Wis.  
B.F.A. (University of Wisconsin)  
*Field of Specialization:* Dance
- Terrence Lee Glass, Xenia  
B.A. (Central State University)  
*Field of Specialization:* English
- Bruce Robert Glick, Glendale, Calif.  
B.A. (University of California,  
Irvine)  
*Field of Specialization:* Psychology
- Patricia Ann Gober, Kenosha, Wis.  
B.S.Ed. (Wisconsin State University,  
Whitewater)  
*Field of Specialization:* Geography
- Diane Teramana Graham,  
Steubenville  
B.F.A.  
*Field of Specialization:* Art
- Linda Joan Dupke Green,  
Wheeling, W. Va.  
B.S. (Wheeling College)  
*Field of Specialization:* Education
- Philip Charles Green, Vandalia  
B.A.  
*Field of Specialization:* Sociology
- Gerald Greenberg, Whitestone, N. Y.  
A.B. (Case Western Reserve  
University)  
*Field of Specialization:* Sociology
- Richard Henry Grinstead, II,  
Grove City  
B.Art Ed., B.F.A.  
*Field of Specialization:* Art  
Education
- Barbara Sue Grohoski, Kettering  
B.S.Ed.  
*Field of Specialization:* Education
- Norman Lee Grunstad,  
Ortonville, Minn.  
B.S. (United States Military  
Academy)  
*Field of Specialization:* Business  
Administration
- Veronica Lee Harmon, Grove City  
A.B. (Morehead State University)  
*Field of Specialization:* Education
- Cynthia Marie Zachary Harris,  
Cleveland  
B.S.Ed.  
*Field of Specialization:* Education
- Vivian Bruckel Harvey, Columbus  
A.B.Ed. (University of Michigan)  
*Field of Specialization:* Education
- Philip A. Hawkey, Columbus  
B.A. (Baldwin-Wallace College)  
*Field of Specialization:* Public  
Administration
- Bruce Edwin Hawkins, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Dorothy Clark Hays, Delaware  
B.S.Ed. (Ohio University)  
*Field of Specialization:* Education
- Stanley Kenneth Heacock, Columbus  
B.A. (Ohio University)  
*Field of Specialization:* Education
- Susan Catherine Heffelfinger,  
Columbus  
B.A. (Miami University)  
*Field of Specialization:* English
- Ronald Howard Heller,  
University Heights  
B.Mus. (Indiana University)  
*Field of Specialization:* Music
- Donna Virginia Helm, Baltimore, Md.  
B.A. (University of Maryland)  
*Field of Specialization:* Romance  
Languages
- Ferris Owen Henson, Columbus  
B.S.  
*Field of Specialization:* Education
- Marvin Richard Hershisser,  
West Unity  
A.B. (Ohio University)  
*Field of Specialization:* Sociology
- Daniel Alan Hill, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- E. Carolyn Thordsen Hill, Columbus  
B.S.Ed. (Otterbein College)  
*Field of Specialization:* Education
- William Anthony Hillebrand,  
Cincinnati  
B.S. (Xavier University)  
*Field of Specialization:* Education
- Jack Leonard Hillwig,  
Allison Park, Pa.  
B.A. (Bethany College)  
*Field of Specialization:* Journalism



Robert Warren Hiltonsmith,  
Wantagh, N. Y.  
B.A. (Syracuse University)  
*Field of Specialization:* Education

Ronald Lee Hoch, Prospect  
B.A., B.S.Ed.  
*Field of Specialization:* Education

Sheila Ann Flowers Hock, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Alice Mary Hoffmeister,  
North Olmsted  
B.S.Ed. (Otterbein College)  
*Field of Specialization:* Education

Barbara Sue Horner, Kettering  
B.S.Ed. (Miami University)  
*Field of Specialization:* Education

Lee Holden Horsting,  
Wappingers Falls, N. Y.  
A.B. (Middlebury College)  
*Field of Specialization:* English

Joseph Anthony Horton,  
Washington, D. C.  
B.A., M.A. (Oblate College)  
*Field of Specialization:* Psychology

Frank Laurence Howe, Louisville, Ky.  
B.A. (University of Louisville)  
*Field of Specialization:* History

Bernard Charles Howell, Akron  
B.A. in Ed. (University of Akron)  
*Field of Specialization:* Education

Sister Carlene Howell, Joliet, Ill.  
B.A. (College of Saint Francis)  
*Field of Specialization:* Education

Janice Stoltz Hummell, Reynoldsburg  
B.S.Ed.  
*Field of Specialization:* Education

Barbara Lee Hurdzan, Columbus  
B.A. (University of Vermont)  
*Field of Specialization:* English

Adrienne Kendall Husum,  
Youngstown  
B.S. in Ed. (Youngstown State  
University)  
*Field of Specialization:* Education

Donald Lester Hyatt, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Linda May Ikeda, Cleveland  
B.A. (Hiram College)  
*Field of Specialization:* Journalism

Timothy John Ilg, Columbus  
B.A. (Malone College)  
*Field of Specialization:* Education

Mitchell Edward Imhoff, Cincinnati  
B.A. (Xavier University)  
*Field of Specialization:* Romance  
Languages

Richard Blair Irvin, Philipsburg, Pa.  
B.A. (Indiana University of  
Pennsylvania)  
*Field of Specialization:* Sociology

Ruth Helbig Jenks, Columbus  
B.S. in Ed. (Northwestern  
University)  
*Field of Specialization:* Education

Edward Elwood Johnson, Jr.,  
Trotwood  
B.S.Ed.  
*Field of Specialization:* Education

Karen Lanman Johnson, Columbus  
B.S.Ed.  
*Field of Specialization:* Speech  
Communication

Willa Darden Johnson, Columbus  
B.A. (Southern Illinois University)  
*Field of Specialization:* Education

David Emlyn Jones, Youngstown  
B.S.Bus.Adm.  
*Field of Specialization:* Economics

Theodore Lloyd Jones, Jr., Cincinnati  
B.A. (Otterbein College)  
*Field of Specialization:* Speech  
Communication

Nancy Winslow Keyes, Columbus  
B.A. (University of Colorado)  
*Field of Specialization:* Education

Ann Lynn Kingsbury, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Karen Gertrude Kloss, Avon  
B.A. (Mount Union College)  
*Field of Specialization:* Political  
Science

Anne Kinnaird-Paterson Kochman,  
Columbus  
B.A. (Hons) (Manchester University,  
Britain)  
*Field of Specialization:* Philosophy

Monty Kraham, Brooklyn, N. Y.  
B.A. (Marietta College)  
*Field of Specialization:* Education

Martin Paul Kravitz,  
East Grand Rapids, Mich.  
B.S. (Michigan State University)  
*Field of Specialization:* Business  
Administration

Ruth Casten Kreier, Worthington  
B.A. (Pennsylvania State University)  
*Field of Specialization:* Education

Charlotte Marie Kurt, Columbus  
B.S. (Kent State University)  
*Field of Specialization:* Education

Doyt Thornton Larimore, Columbus  
B.S.Bus.Adm.  
*Field of Specialization:* Education

George Joseph Laskowski, Jr.,  
Roseville, Mich.  
A.B. (University of Detroit)  
*Field of Specialization:* Classics

Colin Thomas Lawlis, Mansfield  
B.S.Ed.  
*Field of Specialization:* Education

Raymond Warren Lawton, III  
Huntington Station, N. Y.  
B.A. (State University College at  
Oswego)  
*Field of Specialization:* Political  
Science

Carol Carr Layne, Dayton  
B.S.Ed.  
*Field of Specialization:* Education

Patricia Best Lear, Bucyrus  
B.S. in Ed. (Bowling Green State  
University)  
*Field of Specialization:* Education

John Russell Lee, Lima  
B.A.Jour.  
*Field of Specialization:* Journalism

Susan Elizabeth Lee, Philadelphia, Pa.  
A.B. (Connecticut College)  
*Field of Specialization:* Education

James Joseph Legasse, Cohes, N. Y.  
B.A. (Saint Bernardine of Siena  
College)  
*Field of Specialization:* English

Shirley Dale Leggett, Hilliard  
B.S.Ed.  
*Field of Specialization:* Education

Thomas Ellsworth Leighton,  
Columbus  
B.S.Bus.Adm. (Franklin University)  
*Field of Specialization:* Education

Alfred Harvey Lerch, Jr., Columbus  
B.A. (Cleveland State University)  
*Field of Specialization:* Education

Margo Edna Levy,  
San Francisco, Calif.  
B.A. (University of California,  
Santa Barbara)  
*Field of Specialization*: Economics

Terry Kent Lewis, Hilliard  
B.A.  
*Field of Specialization*: Speech  
Communication

Christopher Lilburn, Columbus  
B.A.  
*Field of Specialization*: Education

Gail Marie Lingert, Columbus  
B.S.Ed.  
*Field of Specialization*: Education

Maureen Ellis Lippert, Lancaster  
B.A.  
*Field of Specialization*: English

Thomas Burton Lloyd, Madison, Wis.  
B.A. (University of Wisconsin)  
*Field of Specialization*: Philosophy

Angela Lumpkin, Newport, Ark.  
B.S.E. (University of Arkansas)  
*Field of Specialization*: Physical  
Education

Richard Glenn Lyon, Newton, Kan.  
B.A. (Southwestern College)  
*Field of Specialization*: Education

Joan Louise Mantel, Lyndhurst  
B.S. (Springfield College)  
*Field of Specialization*: Physical  
Education

Robert Dean Markey, Carroll  
B.S.Agr., B.S.Ed.  
*Field of Specialization*: Education

Rebecca Irene Matley, Zanesville  
B.S.Ed.  
*Field of Specialization*: Education

Pamela Louise McCann, Springfield  
B.A.  
*Field of Specialization*: Education

Thomas Robert McCanne,  
Houston, Tex.  
B.A. (University of Texas)  
*Field of Specialization*: Psychology

Gary Bruce McCollim,  
Washington C.H.  
B.A. (Muskingum College)  
*Field of Specialization*: History

Colleen Ann McDevitt,  
Seaside Heights, N. Y.  
B.A. (Heidelberg College)  
*Field of Specialization*: Classics

James J. McDevitt, Jr., Columbus  
B.A. (La Salle College)  
*Field of Specialization*: Anthropology

Judith Lynn McFarland, Canal Fulton  
B.S.Ed.  
*Field of Specialization*: Education

Donna Hayes McGraw, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization*: Education

William David McKinley, Jr.,  
Toronto  
B.A. (College of Steubenville)  
*Field of Specialization*: Education

Maryann Eleanor McNamara,  
Findlay  
A.B. (Findlay College)  
*Field of Specialization*: Music

Susan Sternberg Mentzer,  
Merrick, N. Y.  
B.A. (Pennsylvania State University)  
*Field of Specialization*: Education

John Anthony Mercovich, Dayton  
B.S. (University of Dayton)  
*Field of Specialization*: Education

Mary Calland Metts, Columbus  
B.S.Ed.  
*Field of Specialization*: Education

Sheila Ann Miller,  
Fort Lauderdale, Fla.  
B.A. (Mercer University)  
*Field of Specialization*: Classics

Nancy Carole Mincemoyer, Orwell  
B.S.Ed. (Clarion State College,  
Pennsylvania)  
*Field of Specialization*: Education

Lawrence Bruce Mixon, Wilberforce  
B.S.Ed. (Central State College)  
*Field of Specialization*: Physical  
Education

Suzann Elizabeth Messer Mockovak,  
Danbury, Conn.  
B.A. (College of New Rochelle)  
*Field of Specialization*: Education

William Vernon Monnett, Galion  
B.S.Ed. (Ohio University)  
*Field of Specialization*: Education

Ralph Douglas Montanaro, Newark  
B.A. (Muskingum College)  
*Field of Specialization*: History

Alex Lee Moore, Columbus  
B.A. (Norfolk State College)  
*Field of Specialization*: Education

Gary Keith Moore, Worthington  
B.S.Ed. (Otterbein College)  
*Field of Specialization*: Physical  
Education

Jack Noel Moore, Columbus  
B.A. (Ohio Wesleyan University)  
*Field of Specialization*: Education

Ann Wiseman Morahan, Worthington  
B.S.Ed.  
*Field of Specialization*: Education

Philip Iain Morgan,  
Edinburgh, Scotland  
B.A. (University of Strath-Clyde)  
*Field of Specialization*: Education

Craig Lawrence Moser, Painesville  
B.A. (Ohio Wesleyan University)  
*Field of Specialization*: Economics

Carole Anne Mueller, Aurora  
B.A. (Miami University)  
*Field of Specialization*: Education

James Michael Mulcahy,  
Grand Island, N. Y.  
B.A. (State University of New York  
at Buffalo)  
*Field of Specialization*: Economics

Jose Joaquin Munoz-Lopez,  
Madrid, Spain  
Licenciatura (Universidad de Madrid)  
*Field of Specialization*: Romance  
Languages

Madalene Patricia Axford Murphy,  
Louisville, Ky.  
B.A. (Catherine Spalding College)  
*Field of Specialization*: English

Earl Murry, Columbus  
B.S.Ed.  
*Field of Specialization*: Education

Kathleen Cwik Nalle, Columbus  
B.S. in Ed. (Bowling Green State  
University)  
*Field of Specialization*: Education

Mari Sapon Naltsas, Columbus  
B.S.Ed.  
*Field of Specialization*: Education

David Nunzio Nanni, Buffalo, N. Y.  
B.S. (State University College,  
Buffalo)  
*Field of Specialization*: Romance  
Languages

Diana Hosket Neely, Columbus  
B.S.Ed.  
*Field of Specialization*: Physical  
Education

William Francis O'Brien,  
Westfield, Mass.  
B.A. (Le Moyne College)  
*Field of Specialization*: Psychology

- David Lyle Osborne, Omaha, Neb.  
A.B. (University of Nebraska)  
*Field of Specialization:* Slavic Languages
- George Peter Oswald,  
Glen Cove, N.Y.  
B.S.Bus.Adm.  
*Field of Specialization:* Business Administration
- Patricia Louise O'Toole, Reynoldsburg  
B.S. (Miami University)  
*Field of Specialization:* Education
- Maxine Roberta Overla, Englewood  
B.A.Ed. (Ohio Northern University)  
*Field of Specialization:* Education
- Ida Maureen McNamara Palardy,  
Delaware  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Education
- Robert Clifton Pangburn,  
Larned, Kan.  
B.A. (Kansas State University)  
*Field of Specialization:* Psychology
- Ria Charlotte Parody,  
New Orleans, La.  
B.S. (University of Florida)  
*Field of Specialization:* Speech Communication
- Janet Faye Patterson, Farmersville  
B.A.  
*Field of Specialization:* Journalism
- Ellen Marie Ward Pattison, Columbus  
B.S.Ed.  
*Field of Specialization:* Physical Education
- Linda Poelking Paxton, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Winnifred Dean Pertee, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- Carol Ann Plank, Columbus  
B.S. (Ohio Dominican College)  
*Field of Specialization:* Education
- John Matthew Plecnik,  
New Middletown  
B.A., M.A. (Athenaeum of Ohio)  
*Field of Specialization:* Philosophy
- Deborah Sue Pohl, Columbus  
B.S.Ed.  
*Field of Specialization:* Education
- David Hewitt Pope,  
Melbourne, Australia  
B.Econ. (Honors), M.Econ. (Monash University)  
*Field of Specialization:* Economics
- Robin Elizabeth Pope,  
Bundoora, Australia  
B.A. (Honors) (University of New England); M.Ec. (Monash University)  
*Field of Specialization:* Economics
- Edmund Hillel Portnoy, Columbus  
B.S. (University of Oregon)  
*Field of Specialization:* Education
- Barry Zane Posner, Claremont, Calif.  
B.A. (University of California)  
*Field of Specialization:* Public Administration
- Jackie Lee Pritchard, Eastlake  
B.A. (University of Oregon)  
*Field of Specialization:* Anthropology
- Georgette Marie Psarras, Akron  
A.B. (Vassar College)  
*Field of Specialization:* Psychology
- Frederick Ross Pultz, Memphis, Tenn.  
A.B. (Duke University)  
*Field of Specialization:* Economics
- Karen Piazza Quinn, Columbus  
B.A. (Brooklyn College)  
*Field of Specialization:* English
- Rosemary Ghetzler Quirin, Skokie, Ill.  
B.S. (Northern Illinois University)  
*Field of Specialization:* Education
- Beth Francis Rabb, Columbus  
A.B. (Earlham College)  
*Field of Specialization:* Education
- Frederick Robert Ragland, Fairborn  
B.A. (San Jose State College)  
*Field of Specialization:* Journalism
- Daniel Paul Rathburn,  
La Crosse, Wis.  
B.S. (Wisconsin State University)  
*Field of Specialization:* Education
- Sister Jo Ann Recker, Columbus  
B.A. (Edgewood College)  
*Field of Specialization:* Romance Languages
- Margaret Appel Reidl,  
Burlington, Ont., Canada  
B.A.  
*Field of Specialization:* English
- Kenneth Charles Risdon, Vermilion  
B.A.  
*Field of Specialization:* English
- Mary Ann Rish, Kenton  
B.S.Ed. (Ohio Northern University)  
*Field of Specialization:* Music
- John Robert Rittenhour, Bucyrus  
B.S.Ed.  
*Field of Specialization:* Education
- James Thomas Rogers, Columbus  
B.S.Ed.  
*Field of Specialization:* Journalism
- John Daniel Rohrer, Orrville  
B.S. Agr.  
*Field of Specialization:* Agricultural Education
- Richard Joseph Rosato, New Albany  
B.S. (Rio Grande College)  
*Field of Specialization:* Education
- Oretha Moore Rose, Columbus  
B.S. (Pikeville College)  
*Field of Specialization:* Education
- James David Roth, Allentown, Pa.  
B.A. (Pennsylvania State University)  
*Field of Specialization:* Speech Communication
- John Charles Runda,  
Fort Mitchell, Ky.  
A.B. (Thomas More College)  
*Field of Specialization:* Sociology
- Jane Edelstein Saks, Freeport, N. Y.  
B.S. (Pennsylvania State University)  
*Field of Specialization:* Psychology
- David Otto Salzger, Columbus  
B.A.  
*Field of Specialization:* Education
- Theodore Joseph Samuel, Rocky River  
B.S.Bus.Adm.  
*Field of Specialization:* Business Administration
- Maria Lourdes Santa-Maria,  
Columbus  
A.B. (Ohio Dominican College)  
*Field of Specialization:* Psychology
- Anne Elizabeth Marshall Saunier,  
New Concord  
B.A. (Muskingum College)  
*Field of Specialization:* Education
- Marsha Lee Scheffler,  
Eastchester, N. Y.  
B.S.Ed.  
*Field of Specialization:* Education
- Hedwig Hannelore Schmidt, Granville  
Staatsprüfung (Johann-Wolfgang-Goethe University)  
*Field of Specialization:* German
- Spencer Roy Schron, Laurelton, N. Y.  
B.A. (Adelphi University)  
*Field of Specialization:* Political Science
- Janice Kay Sessler, Gahanna  
B.S.Ed. (Ohio Northern University)  
*Field of Specialization:* Education

Curtis Don Shellhamer, Alliance  
B.S. (Mount Union College)  
*Field of Specialization:* English

Frances Powers Shilling, Columbus  
B.S. (Wright State University)  
*Field of Specialization:* Education

Steven Sicklick, West Hartford, Conn.  
B.S.Bus.Adm. (Boston University)  
*Field of Specialization:* Geography

Peggy Mae Siegel, Cleveland  
B.A.  
*Field of Specialization:* Political  
Science

I. John M. Slegeski, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Alice Mary Smith, Middletown  
B.S.Ed. (Miami University)  
*Field of Specialization:* Education

Carol Becker Smith, Dubuque, Ia.  
B.A. (Wartburg College)  
*Field of Specialization:* English

Diane Dates Smith, Corning, N. Y.  
B.A. (State University College,  
Buffalo)  
*Field of Specialization:* English

Marlene Joan Fersch Smith,  
Reynoldsburg  
B.S. (University of Wisconsin)  
*Field of Specialization:* Education

Raymond Joseph Smith,  
Cambridge, Mass.  
B.A. (Boston College)  
*Field of Specialization:* Classics

Ronald Kent Snider, Marion  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Education

Kathleen Ann Kagy Spangler, Tiffin  
B.S.Ed.  
*Field of Specialization:* Romance  
Languages

Dale Cooper Spector, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Carol Lynn Spohn, Newark  
B.S.Ed.  
*Field of Specialization:* Education

Robert Charles Sprague, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Janis Arlene Spurlock, Creswell, N.C.  
B.A.Lib.Arts (University of  
Tennessee)  
*Field of Specialization:* History of  
Art

Shirley Adams Stankosky,  
Jamestown, N. Y.  
B.A. (State University College at  
Oswego)

*Field of Specialization:* Romance  
Languages

Diane Staunton Staples, Columbus  
B.S. in Speech (Northwestern  
University)  
*Field of Specialization:* Political  
Science

James Kail Stewart, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Michael James Stewart,  
Downey, Calif.  
B.S. (California State Polytechnic  
College)  
*Field of Specialization:* Physical  
Education

Mark Steven Stock, Canton  
B.S. (Capital University)  
*Field of Specialization:* Education

Cristina Sophia Stone, Reno, Nev.  
B.A. (University of Nevada)  
*Field of Specialization:* Philosophy

Jeri Lyn Studebaker, Springfield  
B.A.  
*Field of Specialization:* Anthropology

John Wilbert Suomela, Columbus  
B.A. (University of Minnesota)  
*Field of Specialization:* Economics

Linda Bercau Sweazy, Columbus  
B.Art Ed.  
*Field of Specialization:* Education

Philip Sheridan Sweeterman, Dayton  
B.F.A.  
*Field of Specialization:* Education

Marthalee E. Shaffer Thomas,  
Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Jacquelyn Clare Tilton, Newark  
B.S.Ed.  
*Field of Specialization:* Education

Kathleen Maria Toth, Columbus  
B.A.  
*Field of Specialization:* Political  
Science

Elizabeth Simpson Tracy,  
Hillside, N. J.  
B.A. (Wellesley College)  
*Field of Specialization:* English

Jay Dean Tucker, Mansfield  
B.S.Bus.Adm.  
*Field of Specialization:* Economics

Brenda Burge Tudor, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Gale Blake Uhl, Fanwood, N. J.  
B.A. (Miami University)  
*Field of Specialization:* Psychology

Sharon Kay Uhl, Greenfield  
B.A. (University of Kentucky)  
*Field of Specialization:* Education

Anthony Joseph Vignola, Jr.,  
Franklin Square, N. Y.  
B.A. (Le Moyne College)  
*Field of Specialization:* Economics

Pablo Virumbrales, Madrid, Spain  
Licenciatura (Universidad de  
Madrid)  
*Field of Specialization:* Romance  
Languages and Literatures

Lucille Rich Vitka, Columbus  
B.A. (Good Counsel College)  
*Field of Specialization:* Education

Kathleen Marie Vogt, Akron  
B.A.  
*Field of Specialization:* English

Mary Louise Wagener,  
West Springfield, Mass.  
B.A. (Marymount College)  
*Field of Specialization:* History

Karen Beatty Waltz, Zanesville  
B.Ed. (Murray State University)  
*Field of Specialization:* Education

Sue Lynn Wanveer, Chevy Chase, Md.  
B.A. (University of Maryland)  
*Field of Specialization:* Dance

Veronica Ware, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Mildred Bell Washington, Columbus  
B.S.Ed.  
*Field of Specialization:* Education

Theodore John Waters, Columbus  
B.A.  
*Field of Specialization:* Education

Cathy Ann Weaver, Columbus  
B.A. (Wittenberg University)  
*Field of Specialization:* Education

Alice McClanahan Webb, Columbus  
B.A. (College of Wooster)  
*Field of Specialization:* Romance  
Languages and Literatures

Marilyn Joyce Webb, Sioux City, Ia.  
B.A. (Morningside College)  
*Field of Specialization:* History

Elizabeth Salzgraber West, Columbus  
A.B. (Asbury College)  
*Field of Specialization: Education*

Wayne Richard Wheeler,  
West Springfield, Mass.  
B.S. (United States Military  
Academy)  
*Field of Specialization: Business  
Administration*

Sandra Jane White, Columbus  
B.A./Jour.  
*Field of Specialization: Journalism*

Russell William Whittenburg,  
Wilmington  
B.S.Ed.  
*Field of Specialization: Education*

Alvin Carl Whyte, Columbus  
B.A.  
*Field of Specialization: Education*

David James Wiget, Columbus  
B.S.Ed. (Ohio University)  
*Field of Specialization: Education*

James Elwood Wiley, Jr.,  
Trenton, N. J.  
A.B. (Rutgers College)  
*Field of Specialization: Education*

Patricia Louise Wilson, Rye, N. Y.  
B.A.  
*Field of Specialization: Education*

Yvonne Simmons Winthrop, Piqua  
B.S.Ed.  
*Field of Specialization: English*

Carol Ann Wizig, Waco, Tex.  
B.S. (University of Texas)  
*Field of Specialization: Speech  
Communication*

Bruce I. Wolford, Kingston  
B.S.Ed.  
*Field of Specialization: Education*

Deborah Lee Woodside, Cincinnati  
B.S. (Eastern Kentucky University)  
*Field of Specialization: Physical  
Education*

Jerry Steven York, Columbus  
B.S. (Middle Tennessee State  
University)  
*Field of Specialization: Psychology*

Rita Lucy Zawierucha, Buffalo, N. Y.  
B.A. (Saint Bonaventure University)  
*Field of Specialization: English*

Holly Semiloff Zelasko,  
Lincolnwood, Ill.  
B.A. (University of Wisconsin at  
Madison)  
*Field of Specialization: Linguistics*

Judith Eve Zoble, Morrisville, Pa.  
B.S. (Pennsylvania State University)  
*Field of Specialization: Physical  
Education*

Suzanne Zuckerman, Levittown, N. Y.  
B.A. (Lake Forest College)  
*Field of Specialization: Linguistics*

## Master of Business Administration

Forty-two candidates

°Beverlee Byler Anderson,  
West Liberty  
B.S.Bus. Adm., B.S.Ed.  
*Field of Specialization: Business  
Administration*

Gerald Michael Anderson,  
Canal Winchester  
B.I.E.  
*Field of Specialization: Business  
Administration*

Thomas Malcolm Barnes, Columbus  
B.S. (Pennsylvania State University)  
*Field of Specialization: Business  
Administration*

John Barta, Jr., Bedford  
B.S.M.E.  
*Field of Specialization: Business  
Administration*

Martin Earl Batross, Zanesville  
B.S.Bus. Adm.  
*Field of Specialization: Business  
Administration*

Jane Forsythe Boynton, Wheelersburg  
B.S.Bus. Adm.  
*Field of Specialization: Business  
Administration*

Dennis Alden Brown, Norwalk  
B.S.Ed.  
*Field of Specialization: Business  
Administration*

David Charles Burgess, Columbus  
B.S.Aero.Eng. (Purdue University)  
*Field of Specialization: Business  
Administration*

Robert Virlyn Byrd, Columbus  
B.E.E., M.S.  
*Field of Specialization: Business  
Administration*

William Charles Carr, Columbus  
B.S. (United States Coast Guard  
Academy)  
*Field of Specialization: Business  
Administration*

James Warren Cline, Reynoldsburg  
B.E.E.  
*Field of Specialization: Business  
Administration*

Jeffrey Lynn Corthell, Port Clinton  
B.S.Bus. Adm.  
*Field of Specialization: Business  
Administration*

James Edward Dillon, Canton  
B.S. (Carnegie-Mellon University)  
*Field of Specialization: Business  
Administration*

James Henry Ehlers, Fort Myers, Fla.  
B.S. (Florida State University)  
*Field of Specialization: Business  
Administration*

Jeffrey Alan Felman, Beachwood  
B.B.A. (University of Cincinnati)  
*Field of Specialization: Business  
Administration*

Mark Edward Ferrick, Columbus  
B.S.Ch.E. (University of Notre  
Dame)  
*Field of Specialization: Business  
Administration*

Thomas James Hawley, North Canton  
B.A. (Ohio Northern University)  
*Field of Specialization: Business  
Administration*

Stanley Robert Jewell, Columbus  
B.E.E.  
*Field of Specialization: Business  
Administration*

Gary E. Jung, Cincinnati  
B.S. (Saint Joseph's College)  
*Field of Specialization: Business  
Administration*

John Joseph Kelly, Fairborn  
B.S. (United States Naval Academy);  
M.S. (Rensselaer Polytechnic  
Institute)  
*Field of Specialization: Business  
Administration*

Steven Walter Kendall, Chicago  
B.S.C. (DePaul University)  
*Field of Specialization: Business  
Administration*

Allen Peter Krukowski, Cleveland  
B.S.M.E.  
*Field of Specialization: Business  
Administration*

\* Also Doctor of Philosophy, Graduate School

Donald William LaJevic, Columbus  
B.S. (California State College,  
Pennsylvania); B.S.Bus.Adm.  
*Field of Specialization: Business  
Administration*

David Michael Lemons,  
Huntington, W. Va.  
B.S. (Marshall University)  
*Field of Specialization: Business  
Administration*

Richard Dale Maron, South Euclid  
B.S.C.I.S.  
*Field of Specialization: Business  
Administration*

Dana Monas Marshall, Columbus  
B.S. (Case Western Reserve  
University)  
*Field of Specialization: Business  
Administration*

Harold Ray McFarland, Pataskala  
B.E.E. (University of Dayton); M.S.  
*Field of Specialization: Business  
Administration*

Aloysius Leonard Mikolanis, Fairborn  
B.S.M.E. (Case Institute of  
Technology)  
*Field of Specialization: Business  
Administration*

Lawrence Lee Mills, Jonesboro, Ark.  
B.S. (Oklahoma State University)  
*Field of Specialization: Business  
Administration*

Thomas Howard Rutherford,  
Columbus  
B.S.  
*Field of Specialization: Business  
Administration*

Vijay Vishwanath Sathe,  
Baroda, India  
B.E. (University of Poona, India);  
M.S. (University of Wisconsin,  
Madison)  
*Field of Specialization: Business  
Administration*

David Edward Schuster, Columbus  
B.S. (Michigan College of Mining and  
Technology)  
*Field of Specialization: Business  
Administration*

Richard D. Sefts, Westerville  
B.A. (Wittenberg University)  
*Field of Specialization: Business  
Administration*

Mark John Sever, Dayton  
B.S.M.E.  
*Field of Specialization: Business  
Administration*

Lawrence Jay Shoemaker, Cridersville  
B.S.Bus.Adm.  
*Field of Specialization: Business  
Administration*

Marvin Anthony Stibich, Dayton  
B.Aero.E. (University of Detroit)  
*Field of Specialization: Business  
Administration*

John Patrick Sullivan, Fort Lee, Va.  
B.S. (NS) (Niagara University)  
*Field of Specialization: Business  
Administration*

Dwight Frank Thompson, Ashtabula  
B.S.  
*Field of Specialization: Business  
Administration*

Kenneth Paul Thurston, Dayton  
B.S.Bus.Adm.  
*Field of Specialization: Business  
Administration*

James Riley Tucker, Columbus  
B.S.Bus.Adm.  
*Field of Specialization: Business  
Administration*

William D. Turner, Columbus  
B.S.Bus.Adm.  
*Field of Specialization: Business  
Administration*

Keith Edward Wier, Columbus  
B.S. (Purdue University); M.S. in  
Phy. (Illinois Institute of Technology)  
*Field of Specialization: Business  
Administration*

#### **Master of City Planning**

Twelve candidates

Michael Alexis Anikeeff, Akron  
A.B. (University of California at  
Berkeley)  
*Field of Specialization: City and  
Regional Planning*

Robert Morris Duncan, Columbus  
B.S. (University of Kentucky)  
*Field of Specialization: City and  
Regional Planning*

Steven Lewis Fink, Redmond, Wash.  
A.B. (Whitman College)  
*Field of Specialization: City and  
Regional Planning*

Lawrence Edward Helman, Columbus  
B.S.Bus.Adm.  
*Field of Specialization: City and  
Regional Planning*

Denton Stilwell Hopper, Hudson, N. Y.  
A.B. (Colgate University)  
*Field of Specialization: City and  
Regional Planning*

Ralph David Jacobson, Malaga, N. J.  
B.S. (Albright College)  
*Field of Specialization: City and  
Regional Planning*

John Daniel Janczewski,  
Wilmington, Del.  
B.A. (Western Maryland College)  
*Field of Specialization: City and  
Regional Planning*

John Joseph Plahovinsak, Oxford  
B.A. (Rider College); M.A. (Miami  
University); M.A.  
*Field of Specialization: City and  
Regional Planning*

Harry William Sellers,  
New Orleans, La.  
B.A. (Tulane University)  
*Field of Specialization: City and  
Regional Planning*

James Charles Tracy, Columbus  
B.A.  
*Field of Specialization: City and  
Regional Planning*

Charles Alexander Turner, III,  
Columbus  
B.A.  
*Field of Specialization: City and  
Regional Planning*

Howard Davis Williams,  
North Hollywood, Calif.  
B.S. (University of Utah)  
*Field of Specialization: City and  
Regional Planning*

#### **Master of Fine Arts**

Eleven candidates

Warren Otis Angle, Columbus  
B.S. (Manchester College)  
*Field of Specialization: Fine Arts  
(Sculpture)*

James Ralston Clark, Columbus  
B.F.A.  
*Field of Specialization: Fine Arts  
(Ceramics)*

Georgianne Catherine Diedalis,  
Columbus  
B.F.A.  
*Field of Specialization: Fine Arts*  
(Graphics)

Gertrud Maria Stich Fischer,  
Worthington  
Diploma (Ecole Supérieure de  
Commerce, Switzerland); M.A.  
*Field of Specialization: Fine Arts*  
(Graphics)

Michael John Keyes, Dayton  
B.F.A. (Wright State University)  
*Field of Specialization: Fine Arts*  
(Painting)

Floyd Dwaine Martin,  
Valley City, N.D.  
B.S. (State Teachers College); M.S.  
(University of North Dakota)  
*Field of Specialization: Fine Arts*  
(Painting)

Christopher Powers Meyer,  
Richmond, Va.  
B.A. (Washington and Lee  
University)  
*Field of Specialization: Fine Arts*  
(Sculpture)

Susan Theresa Phillips,  
Punxsutawney, Pa.  
B.S. (Indiana University of  
Pennsylvania)  
*Field of Specialization: Fine Arts*  
(Ceramics)

Bevlyn Ann Simson, Columbus  
B.F.A.  
*Field of Specialization: Fine Arts*  
(Painting)

Ronald Russell Syarto, Columbus  
B.F.A.  
*Field of Specialization: Fine Arts*  
(Painting)

Marilyn Arms Wilson, Louisville, Ky.  
B.S. (Northwestern University);  
M.A. (University of Louisville)  
*Field of Specialization: Theatre*

#### Master of Music

Nine candidates

Gordon Shepherd Baughman, Newark  
A.B. (Indiana University)  
*Field of Specialization: Music*

Katherine Jane Borst, Rosemont, Pa.  
B.A. (University of New Hampshire)  
*Field of Specialization: Music*

Steven Douglas Craig, Mt. Victory  
B.S.Ed.  
*Field of Specialization: Music*

Berni E. Finfroek, Brooksville  
B.A. (Marshall University)  
*Field of Specialization: Music*

Rodney Alan Giles, Leawood, Kan.  
B.M. (University of Missouri)  
*Field of Specialization: Music*

Shirley Hurtz Harrison, Tiffin  
B.Mus.Ed. (University of Nebraska)  
*Field of Specialization: Music*

Ann Royce Moore, Albion, N. Y.  
A.B. (Sweet Briar College)  
*Field of Specialization: Music*

William Curtis Shontz, Strasburg  
B.Mus.  
*Field of Specialization: Music*

Mary Lawrence Sidoti,  
Catonsville, Md.  
B.Mus. (Westminster Choir College)  
*Field of Specialization: Music*

#### Master of Public Administration

Ten candidates

Gerald Wayne Borin, Cincinnati  
B.A.  
*Field of Specialization: Public*  
Administration

Vincent Arthur Bova, Jr., Cincinnati  
B.A. (Alma College)  
*Field of Specialization: Public*  
Administration

Don Louis Brown, Jr., Columbus  
B.A.  
*Field of Specialization: Public*  
Administration

James Louis Falter, Huron  
B.S.Ed.  
*Field of Specialization: Public*  
Administration

Paul Edward Goggin, Oxford  
B.A. (Miami University)  
*Field of Specialization: Public*  
Administration

Dale Lynn McGirr, Columbus  
B.S.Bus.Adm.  
*Field of Specialization: Public*  
Administration

Abbas Sadrai-Nadjafti, Tehran, Iran  
Licentiate (National University of  
Iran)  
*Field of Specialization: Public*  
Administration

Richard Paul Seiter,  
New Bloomington  
B.S.Bus.Adm.  
*Field of Specialization: Public*  
Administration

Marianne Wise, Columbus  
A.B. (Ohio University)  
*Field of Specialization: Public*  
Administration

David Leonard Ziskie,  
Hamtramck, Mich.  
B.A. (Michigan State University)  
*Field of Specialization: Public*  
Administration

#### Master of Science

Two hundred and fifty candidates

Glenn Robert Abke, Luckey  
B.S.Agr.  
*Field of Specialization: Agricultural*  
Education

Benjamin Adu-Amankwa,  
Zongo, Ghana  
B.Sc. (University of Science and  
Technology)  
*Field of Specialization: Chemical*  
Engineering

Jan Alexander Aitken,  
Fond Du Lac, Wis.  
B.A. (Lawrence University)  
*Field of Specialization: Computer and*  
Information Science

John Edward Allahand, Trevoze, Pa.  
B.S. (Moravian College)  
*Field of Specialization: Mathematics*

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Economics

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*Field of Specialization:* Chemical Engineering
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- William Philip Keenan, Bellerose, N. Y.  
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*Field of Specialization: Chemical Engineering*

Pedro Alfredo Sors-Schwieger,  
Caracas, Venezuela  
B.S. (Miami University)  
*Field of Specialization: Aeronautical and Astronautical Engineering*

Richard Arthur Springman, Marietta  
B.M.E.  
*Field of Specialization: Mechanical Engineering*

Melville Corneille Stewart, II,  
Columbus  
B.S.E. (E.E.), B.S.E. (M.E.)  
(University of Michigan)  
*Field of Specialization: Electrical Engineering*

James Ivan Stitzlein, Columbus  
B.S.Agr.  
*Field of Specialization: Agricultural Economics and Rural Sociology*

William Thomas Stockhausen,  
Green Springs, Fla.  
B.Eng. (Johns Hopkins University);  
B.S.Civ.Eng. (University of Missouri)  
*Field of Specialization: Geodetic Science*

John Edward Swenson, Akron  
B.M.E.  
*Field of Specialization: Mechanical Engineering*

David Samuel Takach, North Lima  
B.S.E.E. (University of Cincinnati)  
*Field of Specialization: Electrical Engineering*

Daniel Robert Thielen, Racine, Wis.  
B.S. (Dominican College, Wisconsin)  
*Field of Specialization: Chemistry*

Robert Reedy Thornsberry,  
Lexington, Ky.  
B.S. (Morehead State College)  
*Field of Specialization: Allied Medicine*

\*Michael James Tomsic, Lockbourne  
*Field of Specialization: Welding Engineering*

John Frank Toth, Warren  
B.E.E. (Cleveland State University)  
*Field of Specialization: Electrical Engineering*

James Dale Turinetti, III, Chicago, Ill.  
B.S. (United States Air Force Academy)  
*Field of Specialization: Geodetic Science*

Marie Anne Uremovic, Joliet, Ill.  
B.S. (College of Saint Francis)  
*Field of Specialization: Microbiology*

Dimitris Valaris, Athens, Greece  
Dipl. (University of Athens)  
*Field of Specialization: Dairy Technology*

Miranda Eleftheriady Valaris,  
Athens, Greece  
Dipl. (National University of Athens)  
*Field of Specialization: Dairy Technology*

Robert Gary Van Horn, Dayton  
B.S.  
*Field of Specialization: Geology*

Harold Lloyd Varner, Waco, Tex.  
B.S. (University of Texas)  
*Field of Specialization: Pharmacy*

Jesus Eduardo Voloria, Columbus  
Medico Cirujano (University of the Andes)  
*Field of Specialization: Pathology*

Robert Walcott, Jr., Solon  
B.A. (College of Wooster);  
B.D. (Church Divinity School of the Pacific)  
*Field of Specialization: Allied Medicine*

Virginia Ruth Walter, Columbus  
B.S.  
*Field of Specialization: Horticulture*

Paul Tiing Renn Wang,  
Tainan, Taiwan  
B.S. (Chen Kung University)  
*Field of Specialization: Computer and Information Science*

Josephine Ellen Wargo, Caldwell  
B.S.  
*Field of Specialization: Natural Resources*

Steven Edward Weisbrode,  
Philadelphia, Pa.  
V.M.D. (University of Pennsylvania)  
*Field of Specialization: Veterinary Pathology*

William Philip Whalen, Lima  
B.A.  
*Field of Specialization: Mathematics*

Sara Jane White, Roseburg, Ore.  
B.S. (Oregon State University)  
*Field of Specialization: Pharmacy*

Beulah Newman Wingett, Moxahala  
B.S.H.E.  
*Field of Specialization: Home Economics*

John Edward Wolf, Reynoldsburg  
D.D.S.  
*Field of Specialization: Dentistry*

Sungkuk Won, Seoul, Korea  
B.S. (Seoul National University)  
*Field of Specialization: Metallurgical Engineering*

An-chi Wu, Taipei, Taiwan  
B.M. (National Taiwan University)  
*Field of Specialization: Physiology*

Edgar Paul Yoder, Millersburg  
B.S.Agr.  
*Field of Specialization: Agricultural Education*

\*Wallace Howard Young, Fairfield  
B.A. (Miami University)  
*Field of Specialization: Optometry (Physiological Optics)*

Dennis Song Yun, Columbus  
B.S.  
*Field of Specialization: Computer and Information Science*

Logan Rahn Zintsmaster, Akron  
B.E.E.  
*Field of Specialization: Electrical Engineering*

Corinne Degan Zitsman, Springfield  
B.A. (Wright State University)  
*Field of Specialization: Allied Medicine*

\* Also Bachelor of Welding Engineering,  
College of Engineering  
\*\* Also Doctor of Optometry, College of  
Optometry

## Master of Social Work

Sixty-two candidates

Rosilyn Latham Appleman,  
Pickerington  
B.S.Ed.  
*Field of Specialization:* Social Work

Lowrie Drucella Barnes, Cincinnati  
B.S.Ed. (University of Cincinnati)  
*Field of Specialization:* Social Work

Alice Louise Bauer, Toledo  
A.B. (Ohio University)  
*Field of Specialization:* Social Work

Linda Rhoads Beal, Mansfield  
B.A. (Ashland College)  
*Field of Specialization:* Social Work

Marcelee June Berger, Amama, Ia.  
B.A. (State University of Iowa)  
*Field of Specialization:* Social Work

Joseph Bartholomew Borgo, Columbus  
B.A.  
*Field of Specialization:* Social Work

Linda Louise Horton Boyd, Cincinnati  
B.A. (Baldwin-Wallace College)  
*Field of Specialization:* Social Work

Jacqueline Roberta Smith Bray,  
Columbus  
B.A. (Wilberforce University)  
*Field of Specialization:* Social Work

Susan Marie Brown, Dayton  
B.A. (Edgely College)  
*Field of Specialization:* Social Work

Beverly Gordon Buckland, Xenia  
B.S.Soc.Wel.  
*Field of Specialization:* Social Work

Marilyn Cantisano, Rochester, N.Y.  
B.S.Soc.Wel.  
*Field of Specialization:* Social Work

James Byron Carruth, Holland  
B.S.Soc.Wel.  
*Field of Specialization:* Social Work

Mary Margaret Claunch,  
Denver, Colo.  
B.A. (Wake Forest College); M.Div.  
(Southeastern Baptist Theological  
Seminary)  
*Field of Specialization:* Social Work

Michael Vernon Fair, Delaware  
B.S.  
*Field of Specialization:* Social Work

Joan Kathryn Frantz, Columbus  
A.B. (Ohio University)  
*Field of Specialization:* Social Work

Daniel Joseph Fuline, Lowellville  
A.B. (Youngstown State University)  
*Field of Specialization:* Social Work

James Wilfred Gaidry, Youngstown  
A.B. (Youngstown University)  
*Field of Specialization:* Social Work

Ruth Einhorn Goodstein, Cincinnati  
A.B. (Hunter College)  
*Field of Specialization:* Social Work

Nancy Joan Higgins, Cincinnati  
B.S. (Xavier University)  
*Field of Specialization:* Social Work

Yin-Shu Sung Ho,  
Kowloon, Hong Kong  
B.A. (Roosevelt University)  
*Field of Specialization:* Social Work

Sally Jane Howley, Pittsburgh  
B.A. (Pennsylvania State University)  
*Field of Specialization:* Social Work

Robert Edward Hurley,  
Rhinebeck, N. Y.  
B.A. (Saint Bonaventure University)  
*Field of Specialization:* Social Work

Ellen Hawkins Kellom, Cincinnati  
B.S.Soc.Wel.  
*Field of Specialization:* Social Work

Elizabeth Katharine Ketz,  
Lincoln Park, N. J.  
B.A. (Millikin University)  
*Field of Specialization:* Social Work

David Drew Kittredge, New Canaan  
B.A. (Hanover College)  
*Field of Specialization:* Social Work

Erica Karp Klein, Evanston, Ill.  
A.B. (University of Illinois)  
*Field of Specialization:* Social Work

Margaret Ann Klein, Bethayres, Pa.  
A.B. (Wilkes College)  
*Field of Specialization:* Social Work

Carolyn Kolbe Ladd, Atlanta, Ga.  
A.B. (West Virginia University)  
*Field of Specialization:* Social Work

Roberta Schultz Lane, Columbus  
B.A. (Capital University)  
*Field of Specialization:* Social Work

Jerrold Lee Lazerwitz, Hillside, N. J.  
B.A. (Bloomfield College)  
*Field of Specialization:* Social Work

Cynthia Larkby LeGalley, Cleveland  
B.S.Soc.Wel.  
*Field of Specialization:* Social Work

Cecile Hirsch Levenson Cincinnati  
A.B. (University of Michigan)  
*Field of Specialization:* Social Work

Linda Jo Loomis, Glenview, Ill.  
B.A. (Purdue University)  
*Field of Specialization:* Social Work

Claudia Coulton Lorish, Columbus  
B.A. (Ohio Wesleyan University)  
*Field of Specialization:* Social Work

Dorothy Henzy Madden, Columbus  
B.S.Soc.Wel.  
*Field of Specialization:* Social Work

Linda Pernaack Maslowski, Cincinnati  
B.A. (Miami University)  
*Field of Specialization:* Social Work

Annie Grace McBride,  
Charleston, W. Va.  
B.A. (West Virginia State College)  
*Field of Specialization:* Social Work

Patricia Ann Morgan, Mullins, S. C.  
B.A. (North Carolina College at  
Durham)  
*Field of Specialization:* Social Work

Rebecca McNeese Osborn, Scranton, Pa.  
A.B. (Smith College)  
*Field of Specialization:* Social Work

Paul Edward Patton, Jr.,  
Clarksburg, W. Va.  
B.A. (Marshall University)  
*Field of Specialization:* Social Work

Joseph John Piaseczny, Newark  
B.S.Soc.Wel.  
*Field of Specialization:* Social Work

Barbara Jean Price, Damascus, Va.  
B.S. (East Tennessee State  
University)  
*Field of Specialization:* Social Work

Celia Maria Reid, Tiffin  
A.B. (Heidelberg College)  
*Field of Specialization:* Social Work

Norman Paul Richey, Malone, N. Y.  
B.A. (LeMoyne College)  
*Field of Specialization:* Social Work

Gloria Ann Rosenberg, Lexington, Ky.  
B.S.Soc.Wel.  
*Field of Specialization:* Social Work

Roberta Marilyn Sackman,  
Brooklyn, N. Y.  
B.A. (Hunter College, New York)  
*Field of Specialization:* Social Work

Diana Gayle Schaeffer, Salem  
B.A. (Ohio Northern University)  
*Field of Specialization:* Social Work

Richard Evans Schira, Solon  
B.A. (Mount Union College)  
*Field of Specialization:* Social Work

Judith Stock Shapiro, Cincinnati  
B.A. (University of Cincinnati)  
*Field of Specialization:* Social Work

Carol Godofsky Singer, Columbus  
B.A. (Indiana University)  
*Field of Specialization: Social Work*

Roberta Hobson Sloman, Grove City  
A.B. (Bradley University)  
*Field of Specialization: Social Work*

Louise Smith, Hamilton  
B.S. (Miami University) ; B.Mus.  
(Conservatory of Music of  
Cincinnati)  
*Field of Specialization: Social Work*

Carol Marie Speck, Sebring  
B.A. (Walsh College)  
*Field of Specialization: Social Work*

Alexandra Cycyn Terry,  
East Liverpool  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

William Joseph Timmons,  
Wheeling, W. Va.  
A.B. (West Liberty State College)  
*Field of Specialization: Social Work*

Larry Douglas Tingley, Rockford  
B.S.Agr.  
*Field of Specialization: Social Work*

Phillis Kay Walls, Austin, Tex.  
B.A. (Huston-Tillotson College)  
*Field of Specialization: Social Work*

Elissa Shames Westman, Cincinnati  
B.A. (University of Illinois)  
*Field of Specialization: Social Work*

Elizabeth Torbert White,  
Seattle, Wash.  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

Andrea Yvonne Matthews Whitehead,  
Cincinnati  
B.A. (Kentucky State College)  
*Field of Specialization: Social Work*

Barbara Jean Wood, Barberton  
B.A.  
*Field of Specialization: Social Work*

Nancy Ellen Youkilis, Cincinnati  
B.S.Soc.Wel.  
*Field of Specialization: Social Work*

## Colleges of the Arts and Sciences

Chairman, Coordinating Council of Deans: Arthur E. Adams  
Vice Provost for the Arts and Sciences: Robert G. Arns

The Colleges of the Arts and Sciences, a federation of five colleges, includes:

### College of The Arts

Dean: Lee Rigsby

### College of Biological Sciences

Dean: Richard Bohning

### College of Humanities

Dean: Arthur E. Adams

### College of Mathematics and Physical Sciences

Dean: Richard P. Goldthwait

### College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

## College of The Arts

Dean: Lee Rigsby

### Bachelor of Arts

Nineteen candidates

Constance Elaine Albrink, Columbus  
Jacqueline Anne Alkire, Columbus  
Elizabeth Ann Arnold,  
New Philadelphia  
Michael Timothy Detwiler, Columbus  
Virginia Ann Garwood, Columbus  
Lynn Cynthia Ginsburg, Skokie, Ill.  
Susan Kay Gottlieb, Zanesville  
Judith Elaine Green, Columbus  
Martin Earl Kaler, St. Paris  
Dale Warren Kistemaker, Columbus  
Karen Marie Lally, Columbus  
Barbara Ann Levine, Columbus  
Janet Elizabeth Macklin, Columbus  
Bette Sue McKown, Columbus  
Ruth Anna Otto, Ottawa  
David Edward Patrick, Columbus  
Katherine Marie Rotlie, Akron  
Jack Lawrence Skurvid, Medina  
Karol Ann Swanson, Dayton

### Bachelor of Fine Arts

Twenty-four candidates

<sup>1</sup> Dannie Pembroke Adkins,  
Kettlersville

Margie Anita Albert, West Liberty  
Curtis Munhall Benzle, Rocky River  
Paul Douglas Brehm, Columbus  
Ellen Carol Brown, Chevy Chase, Md.  
Sandra Jean Burt, Columbus  
William Ralph Bush, Jr., Columbus  
Wilma Ann Carroll, Plain City  
Deborah Ann Chilinski, Toledo  
Thomas Vincent Creelan,  
Cuyahoga Falls  
Carol Ann Crosby, Bellaire  
Patricia Annette Dugger, Beebe, Ark.  
Brenda Joyce Durrah, Cleveland  
Dennis Ray Farneth, Columbus  
James John Fiala, Cleveland  
Marilyn Mary Foote, Cleveland  
Lee Porter Garrett, Columbus  
Terry Ellen Gonzalez, Cincinnati  
Margaret Michele Good, Columbus  
Timothy William Gorman, Vermilion  
Abbe Fisher Goslee, North Royalton  
Helara Viveta Gulbis, Columbus  
Cynthia Lynne Hackman,  
Pittsburgh, Pa.  
Stephen Dallam Harness, Columbus  
Grace Ann Hatton, Novelty  
Robert Scott Hazlett, Columbus  
Ruth Elizabeth Holdstein,  
Shaker Heights  
Babette Lynn Jones, Marion  
Arlene Lee Kaplan,  
Fresh Meadows, N. Y.  
Mary Anne Knueven, Columbus  
Michael Maxwell Leavens, Columbus  
Mary Jane Makley, Columbus  
Gail Lynn Meese, Columbus  
Gail Ellen Meyer, Holliswood, N. Y.  
Robert John Neumann, Columbus  
Gerald Newhouse, Worthington  
Jean Caputo Peterson, Columbus  
Gregory Michael Pfarr, Loveland  
James Russell Pilbeam, Archbold  
B.Art Ed.  
Michael Morrison Rainwater, Medina  
Janice Elswick Rhue, Columbus  
Harvey Allen Rickert, Jr.,  
Youngstown  
Susan Carol Riley, Berea  
Janice Marie Rogers, Columbus  
Marilyn June Sadler, Coshocton  
Dianne Elaine Scholl, Greenville  
Beth Ann Setter, Orrville  
Edward Francis Shalala, Rocky River  
William Edward Shannon, Jr.,  
Youngstown  
Jennifer Jo Stoner, Greenville  
June Marie Wayton, Toledo  
Susan Chojnicki Weiss, Columbus

Barbara Lynn Wertheimer,  
Birmingham, Ala.  
Carrington A. Williams,  
Opa Locka, Fla.  
Jean Wisenbaugh, Berea

### Bachelor of Music

Fourteen candidates

Tana Faye Alexander, Canton  
Jeffrey Lynn Allen, Marion  
Donald Richard Becker, Columbus  
Thomas Clifford Behrens, Columbus  
Robert John Chappell, Jr.,  
North Olmsted  
Gail Davis, Cincinnati  
John Jay Evans, Elida  
Lorna Poling Frank, Columbus  
Eileen Marie Gress, Trotwood  
Paula Elisabeth Kiffner, Mansfield  
Ralph David Wagnitz, Hudson  
Timothy Eric Wickerham, Sylvania  
Henry Seeley Willard, Wellston  
Mary Harper Wooster, Columbus

**Bachelor of Art Education and  
Bachelor of Music Education  
degree are offered jointly by the  
College of The Arts and the  
College of Education  
Candidates are listed on pages  
55 and 56**

### Bachelor of Science in Industrial Design

Fifteen candidates

David Franklin Ackerman, Columbus  
Michael Lewis Beam, Elida  
John David Bishop, Columbus  
Wendy Susan Clark, Columbus  
Michael Lee Goudy, Columbus  
Calvin Francis Hamrick, III,  
Columbus  
Ronald William Hanninen, Columbus  
Bruce Wayne Hyder, Spindale, N. C.

<sup>1</sup> Also Bachelor of Art Education,  
College of Education  
<sup>2</sup> Also Bachelor of Music Education,  
College of Education



Edward Ray Moore, Columbus  
 Roger Frederick Myers, Columbus  
 Roger Steve Pietrzyk, Chagrin Falls  
 Phillip Gregg Reed, Caldwell  
 Lora McWethy Stitzlein, Columbus  
 Charles Dechant Trexler, Columbus  
 Lonnie Arthur Whittington,  
 North Olmsted

## College of Biological Sciences

Dean: Richard Bohning

### Bachelor of Arts

Thirteen candidates

Donald George Bronn, Columbus  
 William Steven Butterfield, Ada  
 George Franklin Calloway, Jr.,  
 Cincinnati  
 Edward Stephen Chapman, Columbus  
 Paul Alan Counts, Chillicothe  
 Rebecca Jean Ferguson, Eaton  
 Lynne Adair Hopkins, Columbus  
 Richard Patrick Kerivan, Delta  
 Robert Joseph Lawrence,  
 Mamaroneck, N. Y.  
 William Arthur McKibben,  
 Youngstown  
 James Michael Radecki, Toledo  
 John Martin Vinings, Chillicothe  
 Craig Ernest Young, Columbus

### Bachelor of Science

Two hundred and twenty-nine candidates

Thomas David Abernethy, Painesville  
 Diane Marie Adams, Xenia  
 Bruce Vickers Alden, Centerville  
 David Ralph Alexander, Warren  
 Thomas Craig Allmon, Carrollton  
 Patricia Anne Althouse, Dayton  
 Deanna Daniels Andras, Columbus  
 Lawrence Eugene Arrington,  
 Columbus  
 Roger Gerald Aumann, Columbus  
 Stephen Austin Barr, Columbus  
 Arnold Harry Berger,  
 Hicksville, N. Y.  
 Ira David Berger, Brooklyn, N. Y.  
 Carl Gary Berkowitz, Pittsburgh, Pa.  
 George Julius Bielert, Chagrin Falls  
 Robert Clayton Blake, II, Caldwell  
 Elena Mihaela Boeriu, Columbus

Edward Tharp Bope, Somerset  
 Richard John Brant, Parma  
 Michael Gerard Brown, Dayton  
 Michael Steven Brown, Columbus  
 Marie Lynelle Burleson, Canton  
 John Edward Buzzelli, Cleveland  
 Angel Ramon Cadiz, Orient  
 Raymond Lester Candage, Columbus  
 Karen Irene Casenhiser, Akron  
 Katherine Lynne Cech, Worthington  
 James Edward Chalfin, Columbus  
 John Arthur Cheek, Columbus  
 Catherine Marie Chimo, Port Clinton  
 Lynn C. Chrimer, Jr., Ashville  
 John Brian Chubb, Columbus  
 John Orazio Clemente, Troy, N. Y.  
 William Edward Clutter, Mason  
 James Paul Conde, Reedsville  
 Michael Scott Connor, Columbus  
 Timothy Daniel Conwell,  
 Loveland, Colo.  
 Enzo Cosentino, Canton  
 William Douglas Crabb,  
 Louisville, Ky.  
 David Paul Craig, Cincinnati  
 Joy Suzanne Craig, Canton  
 Rebecca Agnes Creer, Salem  
 John Mark Davenport, Port Clinton  
 Stuart James Decker, Columbus  
 Regina Margaret Derita,  
 Greensburg, Pa.  
 Mark Eli Deutchman, Akron  
 Leibert E. Devine, Barnesville  
 Barbara Jean Dixon, Englewood  
 Bonnie Muzenic Dixon, Columbus  
 Charles Randall Doan, Barnesville  
 Dennis Richard Dotson, Cincinnati  
 Frank Herbert Douce, Columbus  
 Richard Walton Douce, Springfield  
 Mary Ann Drum, Bryan  
 Robert Lyn Duecaster, Poland  
 James H. Dumas, Jr., Bedford  
 Michael Herbert Erlich,  
 Fairlawn, N. J.  
 Robert Alan Esarey, Seven Hills  
 James Edward Estepp, Columbus  
 Stephen Bir Evans, Columbus  
 William Eugene Evans, Jr.,  
 Huntington, W. Va.  
 Floyd Joseph Fantelli, Columbus  
 John Baptist Ferlito, III, Euclid  
 Jerauld Damian Ferritto, Grove City  
 José Onelio Fleites, Ironton  
 Jeffrey Wayne Foltz, Columbus  
 Yvonne Kay Gardner, Fostoria  
 William Arthur Garringer,  
 South Vienna  
 Joseph Anthony Geer, III, Columbus

Kenneth Mitchel George, Oregon  
 Rita Renee Gerber, Westerville  
 Linda Lee Gibson, Greenville  
 Janet Faye Gick, West Chester  
 Mark Scott Gilbert, Columbus  
 Harriet Leola Glaser,  
 Great Neck, N. Y.  
 Gerald Neal Glickman, Youngstown  
 Dean David Goldberg, Columbus  
 Robert Donald Gottschalk, Hudson  
 Leonard Greenwald, Bayside, N. Y.  
 Kurt Douglas Gridley, Columbus  
 Danny Claude Griffith, Columbus  
 Paul Thomas Grimstad, Columbus  
 Gregory Alan Haban, Columbus  
 Richard Martin Haemmerle,  
 Middletown  
 Nagako Hanashiro,  
 Ginowan City, Okinawa  
 Gregory Allen Handwork, Mansfield  
 Craig Kurt Harris, Bryan  
 Ronald Anthony Havlice, Parma  
 David Edward Heisel, Columbus  
 Richard Lee Henning, Brilliant  
 Leslie Ann Herman, Brecksville  
 Paul Warren Hern, Columbus  
 Kenneth Steven Hirsch,  
 Cleveland Heights  
 James Huet Hitchcock,  
 Columbia Station  
 Barbara Lynn Holderbaum,  
 Cincinnati  
 Robert Walter Holmes,  
 Columbus Grove  
 Jeffrey Lee House, Columbus  
 Allen Louis Huneke, Eaton  
 William Raymond Hunsaker,  
 Kettering  
 William Stuart Isenstein, Toledo  
 Charles Virgil Jackson, Jr., Enon  
 Jeff Louis Jay, Canton  
 John Frank Jones, Dayton  
 Christine Ann Jordan, Columbus  
 Michael Joseph Joyce, Columbus  
 Sandy Allen Kahn, Cleveland  
 Robert Franklin Kopley, Columbus  
 William John Kibbey, Columbus  
 Donn William Kirschenbaum,  
 Shaker Heights  
 Robert Scott Knorr, Barrington, N. J.  
 Robert Allen Korby, Burton  
 Lawrence Paul Korecko, **Beachwood**  
 Gary Donald Krueger, Rocky River  
 Thomas Howard Kuhn, Sandusky  
 Mary Catherine Kuhns, Hubbard  
 Michael Alexander Laluk, Parma  
 Gregory Bruce Lawther,  
 North Ridgeville  
 Judith Meador Leblio, Columbus

Harry Michael Lewis, Portsmouth  
 Barry Martin Liff, Bayside, N. Y.  
 Dana Ernest Limes, Columbus  
 David Eugene Lindsey, Kenton  
 Edward Erol Loftspring, Cincinnati  
 Marc Nelson Loundy, Warren  
 Dale Anderson Lundblad, Mentor  
 John Robert Lutz, St. Louis, Mo.  
 Ellen McDowell Lynch, Columbus  
 Gerald Francis Maginnity,  
   Westerville  
 David Lee Marhover, Louisville  
 Susan Deardorf Markey, Columbus  
 Glenn David Martino, Greenville  
 Kathryn Lamb Marvin, Columbus  
 Janet Lynn Maryanski,  
   Cuyahoga Falls  
 Joseph Martin Masternick, Girard  
 John Lewis Mauler, Jr., Bucyrus  
 Paul Wilson Maxim, Enon  
 John Albert McGuire, Columbus  
 LuAnn McKinney, Milford, N. J.  
 Christopher Allan Meacham,  
   Pleasant City  
 Joseph Arden Meacham, Pleasant City  
 Larry Bruce Mellick, Wellington  
 Bruce Lee Miller, Sugarcreek  
 Larry Steven Miller, Clyde  
 Linda Kathryn Miller, St. Paris  
 Eric David Moen, Columbus  
 Gary Thomas Moffet, Akron  
 Thomas Michael Moffitt, Dayton  
 Michael Anthony Mohr, Cleveland  
 Victor Stephen Moore, Findlay  
 Janet Kay Moser, Dover  
 Wendy Lee Murchison, Bronx, N. Y.  
 Robert Joseph Murphy, Auburn, N. Y.  
 David Lee Nelson, Columbus  
 Darrow Edward Neves, Columbus  
 Thomas Michael Neville, Springboro  
 Ernest Fred Obrock, East Cleveland  
 Marcia Ann Ornsby, Parma Heights  
 William Randolph Penland, Columbus  
 David Alfons Perdzock, Dayton  
 Robert Allen Peterson, Jr., Toledo  
 John David Petraitis, Akron  
 John Petty, Jr., Columbus  
 James Duncan Pirie, Columbus  
 Joseph Lewis Popp, Willowick  
 Thomas Jon Poulton, Columbus  
 Susan Lynn Powers, Brecksville  
 John Anthony Ragazzo, Niles  
 Michael Julius Resnick, Cleveland  
 Leonard Steven Rich,  
   New Philadelphia  
 Michael Anthony Richardson,  
   Strasburg  
 Victor John Ricker, Fort Jennings  
 Jerold James Rogat, Akron

Ronald Craig Ross, Columbus Grove  
 Eric Baird Roth, Aurora  
 Daniel Sanders, Lyndhurst  
 Kenneth John Sandvoss, Lima  
 Betty Jo Schiller, Petersburg, Va.  
 Denley Jay Schlegel, Columbus  
 James Lee Schram, Ottawa  
 Michael Alan Schuler, Columbus  
 Eric Robert Schulz, Columbus  
 Bruce Roger Searles, Delaware  
 Ira Lee Shapira, Columbus  
 Timothy John Sharp, Parma  
 Richard Eugene Simon, Parma  
 Lawrence Peter Sirinek,  
   Pittsburgh, Pa.  
 David Jon Sirkoski, Columbus  
 Craig William Sloboda,  
   Cedar Grove, N. J.  
 Veronica Martita Slominski,  
   Willoughby  
 Dale Bryan Smith, Findlay  
 Steven Jeffrey Smith, Akron  
 Vincent Robert Smith,  
   Columbia Station  
 Vernon Douglas Sommer, Minster  
 Diana Joyce Spencer, Newark  
 Barbara Ann Kish Stager, Columbus  
 Terry Eugene Stocker, Columbus  
 Allen Michael Stojkovic, Venice, Calif.  
 Steven Alan Strauss, Oceanside, N. Y.  
 Robert Daniel Strung, Westlake  
 Eric Robert Taylor, Cincinnati  
 Floyd Trillis, Jr., Pittsburgh, Pa.  
 Diane Trubov, Columbus  
 Lawrence Lee Uzzel, West Jefferson  
 Margaret Sue VanWinkle,  
   Martinsburg  
 Paul Theodore Verona,  
   North Bergen, N. J.  
 Dennis Alan Vidmar,  
   Cleveland Heights  
 Douglas Gregory Wade,  
   Little Silver, N. J.  
 Janice Marlene Waggoner,  
   Wintersville  
 Shirley Jean Wagner, Navarre  
 Jeffrey Lee Walker, Sandusky  
 Robert Allen Walker, East Liverpool  
 Robert John Walter, Parma  
 Marvin Lee Wanner, Wauseon  
 Ronald Escome Ward, Circleville  
 William Albert Wasko, Youngstown  
 Edwin Clark Weatherington, Columbus  
 David Herman Weed, Columbus  
 Carl Sylvester Wehri, Cloverdale  
 James Thomas Welding, Hudson  
 Robert Edmund Wenzke, Dayton  
 Michael T. Westendorf, Dayton  
 Charles Edgar Wheeler, Caldwell

Herman Edward White, Columbus  
 George Patrick Whitmer, Columbus  
 Kathleen Ruth Wilson, Columbus  
 Richard Jules Wittebort, Kettering  
 Murray Mike Wolfe, Akron  
 David Wynsen, Columbus  
 George Edward Zito, Wadsworth  
 Alan William Zulich, Euclid

## College of Humanities

Dean: Arthur Adams

### Bachelor of Arts

One hundred and ninety-nine candidates

Vicki Anne Adams, Columbus  
 Linda Ellen Adler, Snyder, N. Y.  
 Robert James Alberini, Columbus  
 Thomas Christopher Amorose, Dublin  
 \*Donald Gordon Ardrey, Columbus  
 Aaron Richard Assael, Syosset, N. Y.  
 Barbara Frances Axelrod,  
   White Plains, N. Y.  
 Robert Edward Baird,  
   Broadview Heights  
 Michael Joel Bailen, Columbus  
 Kathleen Mary Bannon,  
   Peekskill, N. Y.  
 Susan Leslie Barney, Rocky River  
 Jonathan Arthur Basten,  
   LaGrange, Ill.  
 Charlotte Ann Beck, North Olmsted  
 Robert Edward Becker, Dayton  
 Daniel Lawrence Beierle, Cincinnati  
 Gertrud Bietz, Tiffin  
 Julie Ann Yvonne Bingham, Columbus  
 Harold Harvey Blair, Cuyahoga Falls  
 Bruce Edward Booher, Columbus  
 Timothy Todd Brechbill, Canton  
 Roger William Burrows, Columbus  
 Neil Thomas Butcher, Cincinnati  
 Mark William Catalano, Norwalk  
 Jeffrey Scott Christopher, Columbus  
 Christopher Thomas Cline, Grove City  
 Cameron Coe, Columbus  
 Ernest Wayne Cohen, Cleveland  
 Sandra Baldwin Couasnon,  
   Columbus  
 Joseph Arthur Coyne,  
   West Nyack, N. Y.

\* Also Bachelor of Science in Education,  
 College of Education

Ruth Knight Dalezman, Columbus  
 Frank Buckingham Dean, Columbus  
 Michael Anthony DiMaio,  
 Richmond Heights  
 Ann Louise Dracup, Columbus  
 Dennis Allen Drazin, Rumson, N. J.  
 Victor Dubina, Elyria  
 Leigh Nicholson Duche, Columbus  
 Christine Evelyn Dufala, Columbus  
 Alexander George Duncan, III,  
 Columbus  
 Kathryn Elizabeth Eckhart,  
 Cincinnati  
 Charles Marc Edelsberg,  
 Shaker Heights  
 \*Roger Lloyd Esterwood,  
 Chippewa Lake  
 Elizabeth Bryan Farquhar, Bexley  
 Mark Robert Farrell, Columbus  
 David Jonathan Feinstein, Columbus  
 Gail Ellen Fisher, New Vienna  
 Kevin Lawrence Flannery, Euclid  
 Deborah Diane Fleming, Columbus  
 Diane Marian Foran, Newark  
 Gregory Allen Francis, Hamilton  
 Pamela Lynn Freese,  
 Parkersburg, W. Va.  
 Bradley Nathaniel Frick, Columbus  
 Robert Joseph Gale, Columbus  
 Kathleen Regina Giannini,  
 Monessen, Pa.  
 Jeffrey Allan Gifford, Columbus  
 Sara Maria Goldstaub, Lakewood  
 Spiros Emanuel Gonakis, Euclid  
 Mark Ellis Goodman, Cleveland  
 Parry Frederick Goodman,  
 Winnetka, Ill.  
 Carey Nathaniel Gordon, Cleveland  
 Melvin Douglas Gossman, Hilliard  
 Gretchen Green, Columbus  
 Richard Allen Green, Columbus  
 Joel Alan Greenberg, Margate, N. J.  
 Henry Alan Gutter, Columbus  
 Thomas Gregory Haas, Canton  
 Christine Bair Hainline, Covina, Calif.  
 Richard Mark Handler, Columbus  
 Barbara Ann Harper, Cincinnati  
 Judith Miriam Harris, Cincinnati  
 David Malcolm Hassler, Portsmouth  
 Diane Cary Haver, Plymouth  
 Mary Jane Bobbitt Heros,  
 Lockbourne A.F.B.  
 Philip Simon Hiser, Reynoldsburg  
 Richard Faull Hope, Oberlin  
 Stephen Randall Hopkins, Hubbard  
 Jacqueline Lee Howlett, Berea  
 Susan Stephens Hsu, Columbus  
 Ralph Bradley Hudepohl, Cincinnati  
 \*Hugh Hilary Hughes, Lima  
 Michael J. Hutchinson, Columbus  
 John Richard Ingrisano,  
 Massapequa, N. Y.  
 Jacque Denise Jenkins, Columbus  
 Maurya Walsh Johnson, Columbus  
 \*Thomas Francis Johnson,  
 Worthington  
 Larry Ward Johnston, Coshocton  
 Bruce Lonnard Jones,  
 Prairie View, Tex.  
 Laura Ann Jones, Chardon  
 Ronald Lee Jones, Columbus  
 Terence Gray Jones, Maumee  
 Daniel Joseph Julius,  
 Great Neck, N. Y.  
 Gabriel Nicholas Katona, Hicksville  
 Donna Elaine Keller, Tiffin  
 Deborah Ann Kemper, Cincinnati  
 John Leonard Kijinski, Columbus  
 Russell Byron Kinner, Madeira  
 Keith Eugene Klaus, Venedocia  
 Philip Michael Klein, Yonkers, N. Y.  
 Archie Robert Lauer, Columbus  
 Garry Robert Leed, Columbus  
 Dan Howard Lewellen, Columbus  
 David Irving Morris Linick, Columbus  
 Paul Kieran Loftus, Pittsburgh, Pa.  
 Neil Walter Lorensen,  
 Watertown, Conn.  
 Kathleen Ann Loucks, Grove City  
 William Herbert Loudon, Columbus  
 Rena Lundstrom, Columbus  
 Robert Thomas Lutz, Columbus  
 Steven Randall Lytle, Columbus  
 Lawrence Mark Malman, Cincinnati  
 Charles F. Manning, Jr., Columbus  
 Pamela Bernice Marshall, Dayton  
 George John Matthey, Steubenville  
 Heather Lynn McConnell, Troy  
 Deborah Lee McDowell, Pickerington  
 Donald Ledford McElwee, Dayton  
 Myricks Edward McGee, Toledo  
 Nancy Spitler McKay, Marysville  
 \*Mary Evelyn McKee, Springboro  
 Mary Garrett Mechenbier, Columbus  
 Nancy Ann Medhurst, Worthington  
 David Edward Migliore, Worthington  
 Richard Michael Millard, Whitehall  
 Keith Patrick Mitchell, Dayton  
 James Douglass Moore, Columbus  
 Antonia Maureen Moras, Columbus  
 George Richard Morris, Jr., Columbus  
 Alice Neiswander, Ada  
 \*James Alan Norris, Columbus  
 Loren Robert Olds, Lima  
 Gretchen Louise Ortman, Cleveland  
 Susan Marie Palma, Clark, N. J.  
 Ronald Robert Paoletti, Toledo  
 Jan Marie Paquette, Toledo  
 William Douglas Patton, Xenia  
 Thomas Malcolm Pendergast,  
 Gahanna  
 Harold Alvin Peterman, Wooster  
 Marilyn Jean Peyton, Middletown  
 Raleigh Alexander Phillips, Lakewood  
 Mark Owen Poling, Lancaster  
 Stephen Lee Prout, Columbus  
 John Patrick Quinn, Jr., Akron  
 Daniel William Rapp, Ironton  
 Harry Louis Rees, Woodsfield  
 Gail Michele Rendar, Columbus  
 Lauren Stefanie Rich, Brooklyn, N. Y.  
 Jay Robert Roseman, Shaker Heights  
 Marc Jeffrey Rosen, Cincinnati  
 \*Jerome Howard Rosenberg,  
 Cleveland  
 Peter John Rosich, Berea  
 Yvonne Wilhelmine Rosmarin,  
 Columbus  
 Richard Edward Sabatine,  
 Youngstown  
 Dennis Paul Salerno, Niles  
 Christine Neubauer Sampsell,  
 Westlake  
 \*Janet Wagner Sandor, Mansfield  
 Patricia Anne Sarb, Barberton  
 Colette Pratt Schaefer, Columbus  
 Carol Emmert Schorpp, Columbus  
 Rochelle Rae Schwartzberg,  
 Creve Coeur, Mo.  
 William Curtis Severns, Cambridge  
 William Allen Shaffer, Euclid  
 Robert William Sheraw, Jr., Lima  
 Ann Wilda Showman, Columbus  
 Robert Douglas Shumaker, Newark  
 Susan Shuttleworth Shumaker,  
 Pittsburgh, Pa.  
 Robert Morris Singleton, Columbus  
 Michael Skolnick, Cincinnati  
 Dennis Lee Slabaugh,  
 New Philadelphia  
 Claire Paulette Smith, Columbus  
 \*Spiros George Spantithos, Columbus  
 Kathryn Ryan Stafford, Akron  
 Philip Constantine Stanger,  
 Worthington  
 Mark Alan Stiffler, Parma  
 Keith Alan Stober, Columbus  
 Petar Stojisavljevic, Parma  
 Patrick Douglas Swann, Gates Mills  
 John Stanley Swanson, Columbus  
 Ina Rowena Swisher, Newark  
 Mark Alan Swisher, Bucyrus  
 Jacquelyn Pallay Tait, Youngstown  
 Randy Edward Tekely, Ravenna

\* Also Bachelor of Science in Education,  
 College of Education

Linda Jean Thomas, Westbury, N. Y.  
 Vivian Wray Thornton, Columbus  
 Annette Tokles, Sylvania  
 Joseph Thomas Tolliver, Akron  
 Christina Toscani, Dayton  
 Michael David Trudeau, Columbus  
 William Peery Turner, Thompson  
 Renate Langwald Voris, Columbus  
 Robert Harvey Vorlicky, Bedford  
 Marilyn Lisle Welker, Columbus  
 Lester Eugene Wells, Jr., Columbus  
 John Graham White, Marion  
 John Thomas White, Columbus  
 David Gerald Winston, Oak Park, Ill.  
 Elinor Mary Wiseman, Columbus  
 Jun Teong Woo, Columbus  
 Merle Eugene Yeager, Alliance  
 Sharon Eileen Youtz, Urbana  
 Judith Ann Zimmer, Zanesville

## College of Mathematics and Physical Sciences

Acting Dean: Richard P. Goldthwaite

### Bachelor of Arts

Ten candidates

Joan Lee Beggs, Lima  
 Charles Robert Biro, Columbus  
 Joseph Anthony Damico, Chillicothe  
 \*Fred Michael Discenzo, Cleveland  
 Theresa Maria Frank, Defiance  
 Steven Simms Holsclaw, Mansfield  
 Nicholas Ray McCoy, Columbus  
 Laverne L. Miller, Hicksville  
 Steven E. Zartman, Springfield  
 William George Zinn, Columbus

### Bachelor of Science

Ninety-six candidates

Glen Allen Archinal, Mineral City  
 Lawrence Anthony Bacchi,  
 Massapequa, N. Y.  
 Stanley John Basules, Jr.,  
 Commack, N. Y.  
 Deborah Dunphy Bayer, Westerville  
 Thomas Irvn Blackburn, Columbus  
 Alexander Louis Bloom, Toledo  
 Robert Allen Boone, Columbus  
 Edward Ellis Booth, Columbus  
 James Gilbert Bush, Gallipolis  
 Camille Maurer Chalfin, Columbus

Youwoo Chan, Columbus  
 Dorothy Ann Cichra, Cleveland  
 Jeffrey Warren Clouse, Columbus  
 Paul Thomas Corrigan, Jr.,  
 New York, N. Y.  
 William Russell Cowin, Warren  
 Janet Elizabeth Davis, North Canton  
 Edward George Drahos, Avon  
 Frank Nicholas Drobot, Columbus  
 Kitty Lee Durant, Reynoldsburg  
 Sanford Barry Fain, Lorain  
 Dennis James Farr, Mentor  
 Theodore Walter Ford,  
 Fairview Park  
 Craig Allan Friedli, Mt. Vernon  
 Stephen Foster Garner, Germantown  
 John Richard Girman, Hinceley  
 Ronald Porter Good, Marietta  
 William John Greenlee, Columbus  
 Dale Robert Greer, Columbus  
 Thomas Lee Grieshop, Columbus  
 William Howard Grossman, Columbus  
 Richard Irwin Haller, Columbus  
 Gary Ray Harmon, Rootstown  
 Lonny Weslee Harrison, Columbus  
 Larry Ross Hayes, Columbus  
 Keith Lewis Hegedus, Bethlehem, Pa.  
 Robert Michael Helmer, Columbus  
 James Michael Hermann, Toledo  
 Linda Seghers Hoffman, Columbus  
 Robert Quentin Johnson,  
 Oceanside, N. Y.  
 Stuart Harold Kerzner,  
 Jersey City, N. J.  
 Robert Lee Kinghorn, Rocky River  
 Dale James Kruse, Parma  
 Michael Gilbert Lattavo, Cincinnati  
 Michael Jeffrey Linden, Beachwood  
 James Peter Long, Columbus  
 Laura Lynn Luedemann, Worthington  
 Gary Alan Lund, Takoma Park, Md.  
 Gregory Allen Mack, Defiance  
 Kathleen Maginnity, Columbus  
 Allan Israel Marcus, Shaker Heights  
 Lawrence Alan McFadden, Columbus  
 Jon Sherrod McInnis, Columbus  
 Susan Kathleen McLaurine,  
 Reynoldsburg  
 Thomas Paul Messmore, Columbus  
 Dennis Alton Moritz, Walbridge  
 Armand Vanuxem Morris,  
 Naturita, Colo.  
 Allan Joseph Myers, Marion  
 Amy Elizabeth O'Neal, Franklin  
 Gary Lee Orr, Columbus  
 Carl Michael Philabaum,  
 West Lafayette  
 Richard Alan Pitzer, Springfield  
 Alex Pokas, Bellaire

Catherine Randall, St. Albans, W. Va.  
 James Peter Ricciardi, Hillsdale, N. J.  
 Robert Emmett Riordan, Columbus  
 Gail McCure Rusch, Columbus  
 Annamarie Saggio, North Olmsted  
 Edward Charles Salo, Ashtabula  
 Jeffrey Brian Sampsell, Westlake  
 Stephen Douglas Sato, Columbus  
 Mary Louise Schmidt, Columbus  
 Paulette Patricia Schmidt,  
 Mt. Horeb, Wis.  
 Terry Rue Schultz, Falconer, N. Y.  
 Uwe Karl-Heinz Seeler, Columbus  
 Nelson Ross Shaffer, Columbus  
 Robert Eugene Shroy, Findlay  
 Ruth Elaine Smilan, Lima  
 Barbara Jo Smith, Springfield  
 Donald Leon Stuber, Amherst  
 John Stanley Supance, Willowick  
 Henry Albert Termeer, III, Dublin  
 David Allen Thompson, Reynoldsburg  
 William Robert Toft, Cincinnati  
 Jack Newton Tuller, Columbus  
 Robert Curtis Turner, Maumee  
 Dale Jay Van Harlingen, Kettering  
 Randall John Varga,  
 East Paterson, N. J.  
 Robert Thomas Vargo, Toledo  
 Daniel George Velt, Bellaire  
 Doyle Robin Watts, Brookville  
 Byron Lee Weigler, Lexington  
 Arnold Burt Weinrib, Columbus  
 Henry Mark Weiss,  
 Poughkeepsie, N. Y.  
 John Timothy Wilson, Beverly  
 Jeffrey Earl Young, Columbus  
 Richard Allen Yuresko, Barberton

## College of Social and Behavioral Sciences

Dean: Franklin P. Kilpatrick

### Bachelor of Arts

Three hundred and seventy-two candidates

Joel Steven Abrams, Beachwood  
 Janet Beer Adams, Columbus  
 Michael Marc Agin, Cleveland  
 Thomas Michael Aldrich, Trotwood  
 Bradley Drake Allen, Waterville  
 Robert Steven Allen, Portsmouth  
 Yaser Ahmad Altabbaa,  
 Beirut, Lebanon

\* Also Bachelor of Science in Education,  
 College of Education

McDonald E. Anderson,  
Monrovia, Liberia  
Raymond Edward Armbruster,  
Columbus  
Lee Badger, Columbus  
Harry Stuart Ball, Columbus  
John Thomas Barga, Troy  
John Douglas Barkeloo, Columbus  
Alison Holbrook Barnes,  
Westfield, N. J.  
Bruce Edward Bayman, Tipp City  
Daniel Michael Beal, Brecksville  
Lawrence Edgar Bechler,  
Glendale, Wis.  
Marshall Alfred Bell, Columbus  
B.S.  
Edmond Robert Benedict, Cleveland  
Barry Irvin Benjamin, Cincinnati  
Jeffrey Lewis Benson, Painesville  
Susan Ray Benson, Miami, Fla.  
Richard Dennis Benvenuto,  
Franklin, Pa.  
Brent Lambert Beveridge, Columbus  
Ellen Marie Bigler, Columbia Station  
Judith T. Bigley, Cincinnati  
Susan Robin Birnbaum,  
New York, N. Y.  
Gary Floyd Blemaster, Bedford  
Karen Diane Boltz, Newark  
Christina Margit Amanda Borchers,  
Columbus  
Erik Robert Borchers, Columbus  
Thomas Joseph Borgering, Columbus  
Jacques Lowell Bossert, II,  
Worthington  
Philip William Boyko, Cleveland  
Sara Marie Briscoe, Columbus  
Howard Lawrence Brondfield,  
Mayfield Heights  
Jeffrey Stuart Brown, Dayton  
John Earl Brown, Gallipolis  
Michael Lee Brucato, Ashland  
Patricia Baade Bryant, Columbus  
John Mormon Burden, Lima  
Jack Edward Byers, Seven Hills  
Pamela Orr Cade, Columbus  
† Suzanne Hayden Cameron, Columbus  
Patricia Anne Carpenter, Columbus  
Camille Irene Carroll, Chillicothe  
Linda Lee Carroll, Columbus  
Dennis Dominic Cech, Cleveland  
Troy Douglas Christopher, Columbus  
Joellen Heatherton Chuha, Columbus  
David Timothy Clark, Cincinnati  
Karen Grace Close, Toledo  
Mary Catherine Clucus, Columbus  
Ronald Paul Coakley, Columbus  
Robin Elizabeth Cobbey,  
Timonium, Md.  
Frank B. Coffman, Columbus  
Robert James Colburn, Clyde, N. Y.  
Steven Roger Cole, Cincinnati  
Brooks Davis Conn, Shaker Heights  
Thomas James Conrad, Worthington  
Terrence Charles Corkerton,  
Columbus  
David Ross Cornish, Xenia  
Vivian Lea Coulter, Hamilton  
James Timothy Coyle, North Canton  
B.S.  
Roger Dwayne Crabbe, Springfield  
Darryl Arthur Daniels, Reynoldsburg  
Charles Henry Dankworth, Bellaire  
Kathleen Ford Dean,  
Canal Winchester  
Florence Gordon DeFrancesco,  
Columbus  
Robert Charles Deis, Dayton  
Richard Lloyd Deitz, Monroeville  
Margaret Jean Denious, Clinton  
Carmen Anthony DePaulo, Northfield  
John Robert DeSimone,  
West Newton, Mass.  
Glenn Alexander Dickey, Columbus  
Stefany Ava Dobken,  
Ridgefield Park, N. J.  
Bernard Donanberg, Columbus  
William Armstead Douglass, Jr.,  
Columbus  
Rufus Shirley Dowe, Roanoke, Va.  
Daniel Joseph Drake, Columbus  
Duane Alton Dukes, Findlay  
Darrel Howard Dupuis, Wilmington  
Daniel Carl Dussel, Maumee  
Russell Rowe Dynes, Columbus  
Douglas Edward Ebert, Cardington  
Jessie Mae Laverne Edwards, Oberlin  
Ronald Valor Engle, Columbus  
James Alexander Esson, Canfield  
David James Fallang, Dayton  
Steve Farkas, South Euclid  
Gary Thomas Fazio, Rome, N. Y.  
Harin Osca Feibish, Woodmere, N. Y.  
Joel Robert Ferris,  
New Rochelle, N. Y.  
Kyle LaVern Feusner, Columbus  
Terrance Anderson Filter,  
Brooklyn, Mich.  
William Dudley Finley, Cambridge  
Mark Cameron Finnell,  
Trenton, Mich.  
Linda Taylor Fleischhauer, Columbus  
† Barbara Ayers Ford, Mt. Vernon  
James Edward Fox, Jr., Columbus  
Gerald Henry Franks,  
Clark's Summit, Pa.  
Deborah Lou Fredericks, Grove City  
Janice Marie Frey, Buffalo, N. Y.  
Jan Leslie Friedman,  
Valley Stream, N. Y.  
Gregory Allen Fuhrer, Columbus  
Steven Richard Galassini, Cincinnati  
Ray Armand Gallucci, Jr., Cleveland  
William Louis Gardner, Columbus  
John Jay Garrison, Mansfield  
Francine Ruth Geisler, Toledo  
Kathryn Ann George, Cleveland  
Alan Bruce Gest, Bronxville, N. Y.  
Daniel Stephen Gibbons, Clark, N. J.  
Danny Duane Givens, Louisville  
Steven Douglas Gladman, St. Paris  
Mark Paul Glassman, South Euclid  
Gary Stuart Glazer,  
University Heights  
Sandra Jo Gohmann, Columbus  
Kenneth Allen Goldstein,  
Shaker Heights  
Robert Dean Gomer, Wauseon  
Sondra K. Gorby, Columbus  
Daniel Louis Green, Youngstown  
Deborah Lynn Green,  
South Charlestown, W. Va.  
† Elizabeth Marie Grigonis, Euclid  
Irene Groom Groff, Columbus  
John Thurman Gruenbaum,  
Marysville  
William Arthur Grundemann,  
Cincinnati  
Kathryn Ann Gulley, Harrison  
Marilyn Wilson Gump, Columbus  
Ronald Anthony Guzzo, Columbus  
Ronald Lee Hadley, Columbus  
† Lubomira Hadzima, Euclid  
Sherry Halpern, Paterson, N. J.  
David Wayne Hardin, Mason  
Edward Luther Harp, Columbus  
George Henry Harper, Columbus  
Richard Howe Hart, Jr., Akron  
Larry Lee Hartwig, Columbus  
Charles Joseph Henry, Galion  
Ellen Hepner, Haddonfield, N. J.  
Alison Bedford Herman, Columbus  
Glen Alan Herman, Lima  
Charles Maurice Hillier, Chicago, Ill.  
David Charles Hipp, Columbus  
Suzanne Marie Hochstrasser,  
Washington, D. C.  
William Clay Hofstetter, Chardon  
Neil Allen Honsberger, Olmsted Falls  
Zsuzsanna Farkas Hooker, Columbus  
Carolyn Elizabeth Hoppes, Parma  
Charlene Ann Hosenfeld,  
Martin's Ferry  
† Also Certificate of Graduate Dental Hygienist,  
College of Dentistry

Thomas Leland Hummer, Batavia  
 Kathryn Ayres Hynes,  
 Moorestown, N. J.  
 Philip John Incarnato, Columbus  
 Ronald Eugene Jones, Columbus  
 Ronald M. Jupiter, Maplewood, N. J.  
 Marc Stanley Kadetz, Cincinnati  
 Roger Price Kadis, Columbus  
 Verna Anne Kalinski, Columbus  
 \*Karen Susan Kallman, Columbus  
 James Richard Kanak, Dayton  
 Stuart Harvey Kaplow,  
 University Heights  
 George Oliver Karasievich,  
 Cincinnati  
 Robert Allan Katz,  
 North White Plains, N. Y.  
 Stephen Ira Katz, Cleveland Heights  
 Gartrell Ray Kelley, Cincinnati  
 Victoria Ann Kelly, Cincinnati  
 Jane Susan Kelsey, Trenton, N. J.  
 William Albert Kersmarki, Columbus  
 Diane Joyce Kessler, Columbus  
 Mauria Carlyle Kirkpatrick,  
 Columbus  
 Gail Ann Kirschenbaum,  
 Shaker Heights  
 Lisa Hope Kleckner,  
 Highland Park, Ill.  
 Michael Stuart Kling, Dayton  
 Ann Neuser Kozlowski, Columbus  
 Ricki Blair Kramer, Toronto  
 Jane Krickenbarger, Arcanum  
 Douglas Richard Kutner,  
 Merrick, N. Y.  
 Emil John Kunzi, Columbus  
 Jeanne Lai, Bayside, N. Y.  
 Donald Eugene Lane, Enon  
 Gene David Lasky, Kenosha, Wis.  
 Thomas Patrick Lavelle, Columbus  
 Neil Ross Lebovitz,  
 University Heights  
 Charles Russel Lee, West Chester  
 Marilyn Elizabeth Lee, Cleveland  
 Robert Field Leggett, Portsmouth  
 Craig Leon Lemley, South Point  
 Usher Lloyd Levering, Fredericktown  
 Sherrill R. Levy, Lyndhurst  
 †Betty Lee Lewis, Cincinnati  
 Melba Louise Leyshon, Columbus  
 Stephen Scott Lindsay, Columbus  
 Salvatore William Liotta,  
 Brentwood, N. Y.  
 Thomas Michael Lisak, Mt. Vernon  
 †Catherine Ambrozic Llewellyn,  
 Lorain  
 Richard Vincent Lobalzo, Akron  
 Norman Lobell, Jr., Columbus

Dianne A. Long, North Olmsted  
 Trudy Lynn Lossman, Fairview  
 Gregory George Love, Cleveland  
 John Robert Lowther, Ashtabula  
 Susan Louise Lubman, Beachwood  
 Julianne Luntz, Youngstown  
 Robert Benton MacDonald, Jr.,  
 Russells Point  
 Janis Lynn Maechler, Warren  
 Carol Mahaffey, Columbus  
 Howard Malovany, Columbus  
 Nicholas Anthony Mamais, Parma  
 Edward Ira Mandel, Warren  
 †Susan Louise Mandel,  
 Cleveland Heights  
 Mark Gayland Mangie, Youngstown  
 John Arthur Marggraf, Bucyrus  
 Nancy Ann Maronna, Merrick, N. Y.  
 Barbara Lou Marple, Cincinnati  
 †Maureen Marquard, Cleveland  
 †Jean Elizabeth Marshall, Kettering  
 Jennifer Lee Martin, Columbus  
 Richard Thomas Martin, Cumberland  
 William Bruce Martin, Danville  
 Alison Mascolo, Southington, Conn.  
 James Everett Mathias, Columbus  
 Susan Lee McBride, Findlay  
 David Charles McCarthy, Hudson  
 Barbara Louise McCaw, Columbus  
 Steven Arthur McClaren, Columbus  
 Paul Scott McElroy, Columbus  
 Herbert George McGrath, Burghill  
 James Julian McKay,  
 Needham, Mass.  
 James Scott McKeever, Jr., Columbus  
 Roy Richard McKenna,  
 Ann Arbor, Mich.  
 Ronald Kent McLearn, Columbus  
 Robert Bruce McLoughlin, Columbus  
 William Raymond McLoughlin,  
 Columbus  
 Mary Louise Mellett, Columbus  
 Robert Arthur Menell,  
 New Rochelle, N. Y.  
 Susan Lynn Metzmaier, Columbus  
 Carl John Meyer, Leipsic  
 Anne Lynn Meyers, Utica, N. Y.  
 Gail Hamilton Middy, Columbus  
 Jeffrey Owen Miller, Columbus  
 Jennifer Stealey Miller, Columbus  
 Philip Irwin Miller, South Euclid  
 Erica Teri Moltz, Chicago, Ill.  
 Robert Jon Momberger, Columbus  
 Bruce Edward Moon, Columbus  
 Robert Edward Moore, Columbus  
 Henry Thomas Morris, Columbus  
 Earl Elkins Murton, Columbus  
 Raymond John Mussio, Columbus

Marsha Thomas Nargiso,  
 Danbury, Conn.  
 Dennis Eugene Nead, Cincinnati  
 Howard Bruce Neu, Bronx, N. Y.  
 †David Max Neubauer, Columbus  
 Harry Eugene Nixon, Columbus  
 Michael Quinn Noble, Columbus  
 John Eric Nolt, Massillon  
 Robert Alan Nygren, Columbus  
 Susan Mary Nyman, Shaker Heights  
 Gary William Osborne, Columbus  
 Carolyn Louise Partridge, Columbus  
 Dennis James Patthoff, Delphos  
 Meleesa Anne Pernaveau, Columbus  
 Douglas Lynn Perras, Oregon  
 Eric Clifford Peterson, Wadsworth  
 David Paul Phillips, Columbus  
 Betsy Plotle, Morgantown, W. Va.  
 Sharon Lynn Pocock, Cleveland  
 Randy Cecil Poling, Amanda  
 Michael C. Porterfield, Columbus  
 David Lee Pota, Lakewood  
 John Edward Potter, Columbus  
 James Rival Pugh, III,  
 Providence, R. I.  
 Christina Suzanne Pursch,  
 Hershey, Pa.  
 Clement Wayne Pyles, Byesville  
 D. Darwin Ralston, Columbus  
 Mark Stanley Rea, Avon Lake  
 Edmund Charles Reiling, Kettering  
 Richard Alan Reiner, Butler, N. J.  
 George Kirby Richards, Columbus  
 Pamela Vale Roberts, Carroll  
 Patrick Allen Roberts, Mt. Vernon  
 John Michael Rockwell, Columbus  
 Donald Theodore Rogers, Columbus  
 Joseph Robert Roscoe, Niles  
 Harry Jay Rosenbaum, Wooster  
 Keith Herbert Rosenstock,  
 Pittsburgh, Pa.  
 Rochelle Leslie Rosenthal, Beachwood  
 Brian Steven Rudolph,  
 Philadelphia, Pa.  
 Donald James Ryan, Martinsburg  
 Harvey Peter Sackett,  
 Sunnyside, N. Y.  
 James Stephen Sales, Cincinnati  
 Larry Grant Samson, Columbus  
 Robert James Sapanaro,  
 Mayfield Heights  
 Michael Nicholas Sarle, Lindsey  
 Rebecca Lee Saunders, Gallipolis  
 Richard Alan Scarci, Cleveland  
 Richard Paul Schachtel, Wilmette, Ill.

\* Also Bachelor of Science in Education,  
 College of Education  
 † Also Certificate of Graduate Dental Hygienist  
 College of Dentistry

Robert Eugene Schaub, Mansfield  
 Thomas Wilbert Schmid, Westlake  
 Jody Lee Schreiber,  
   Williamsville, N. Y.  
 Beth Melinda Schumaker, Canton  
 Jeanne Ann Schuman, Colonia, N. J.  
 John Albert Schuppenhauer,  
   Shortsville, N. Y.  
 Larry Warren Schuster,  
   North Royalton  
 Phyllis Rae Schwartz, Warren  
 Karl Mason Schwenkel, Lakewood  
 Daniel Carl Scott, Columbus  
 Willis Otto Serr, II, Columbus  
 Horace Michael Sewell, Columbus  
 Daniel J. Shapiro, Brooklyn  
 James Michael Sheehan, Columbus  
 James Scott Sheehan, Columbus  
 William James Shire, Cuyahoga Falls  
 William Edgar Shropshire, Jr.,  
   Columbus  
 Diane Mary Siekierski, Maple Heights  
 Steven Edward Sigalow, Akron  
 Susan Helene Silverman, Akron  
 Richard Paul Skinner, Columbus  
 Ben Irving Sloan, Cleveland  
 Bradley Clark Smith, Columbus  
 Brian David Smith, Ironton  
 Mark Steven Smith, Cincinnati  
 †Pamela Jean Smith, Monroeville  
 Paul William Smith, Columbus  
 Robert Michael Smith, Lynchburg  
 Ronald Allen Smith, Columbus  
 Harlan Joel Smolin, Skokie, Ill.  
 Stephen Leslie Soble, Columbus  
 Pamela Kay Spaulding,  
   North Vernon, Ind.  
 Catherine Lynn Spencer, Columbus  
 Mason Lewis Srole, Silver Spring, Md.  
 Laura Sybilla Stanhope, Chillicothe  
 Richard Nicholas Steinmetz,  
   Columbus  
 James Frederick Stevenson,  
   Lewistown  
 Gary Richard Stabel, Columbus  
 Pamela Claire Stoll, Sandusky  
 John Donald Stone, Jr., Columbus  
 Nancy Ellen Stone, Shaker Heights  
 Terrence Lee Storrle, Canton  
 Dennis Michael Sweet, Dayton  
 Timothy James Taber, Columbus  
 Gary Raymond Taylor, Euclid  
 Ken Herbert Tecklenburg, Cincinnati  
 Frank Anthony Tedesco, Lakewood  
 Lawrence Edward Thurman, Alliance  
 Ralph Sheldon Tyler, Cleveland  
 Ronald Dale Upham, Dayton  
 Paul Frederick Valles, Columbus  
 Justin Vana, Cleveland Heights

Roger Ace VanCamp, Columbus  
 Garwin Paul Velie, Cleveland Heights  
 Timothy Lee Vogel, Columbus  
 Adam Warren, Jr., Warrensville  
 John Jay Watson, Uniontown  
 Timothy Allen Weaver, Columbus  
 Dennis Leslie Weinberger,  
   University Heights  
 Stuart Howard Weiner, Cleveland  
 Phillip Noel Wells, Kettering  
 John Richard Whitney, Columbus  
 Mary Karen Wilson, Blanchester  
 William Joseph Wingert, Canton  
 Marilyn Defores Woehrel,  
   Downers Grove, Ill.  
 Linda Ann Wood, Warren  
 David Bruce Woodland, Springfield  
 Monda Mae Wukela, Mansfield  
 Glenn Melvin Young, Columbus  
 James Edson Young, Worthington  
 Richard Lee Young, Columbus  
 Gary Yovan, Elyria  
 James Thaddeus Zachery, Dayton  
 Michael Joseph Zajdowicz, Shadyside  
 Dennis Michael Zywoitek, Lorain

#### **Bachelor of Science**

Seventy-two candidates

William Harry Arnold, Worthington  
 Ronald Alan Ash, Springfield  
 Jon Wayne Atkinson, Columbus  
 Barbara Jean Balog,  
   Broadview Heights  
 Mark Richard Berenberg, Cleveland  
 Gary Lynn Blocker, Mansfield  
 Sarah Jean Bowman,  
   Schenectady, N. Y.  
 Tyler Burgess Brahm, Peekskill, N. Y.  
 Michael Lee Brown, Chillicothe  
 Virginia Ann Bydash, Cleveland  
 Stanley Dee Crapo, Columbus  
 Robert Henry Cullins, Jr., Columbus  
 Laura Daniele, Cleveland  
 Linda Sue Ellis, Lancaster  
 Jacqueline K. Ernst, Liberty Center  
 Joan Adele Ference, Cleveland  
 Clyde Edgar Gleim, Jr., Akron  
 Helen Claire Godhy, Morristown, N. J.  
 Gayle Lynn Grega,  
   Middleburg Heights  
 James Forest Grimshaw, Columbus  
 Cleophas David Grogg, Bucyrus  
 Steve David Halper, Cincinnati  
 Linda Macey Hamble, Columbus  
 Melodie N. Hershberger, Grove City  
 Beverly Kay Hill, Columbus

Marilyn Miller Honabarger,  
   Coshocton  
 Michael Phillip Japack, Cleveland,  
   B.A.  
 Nancy Gaietto Johnson, Tiffin  
 James Daniel King, Bucyrus  
 Steven Welsh King, Sylvania  
 Rita May Klaus, Delphos  
 Ted Kelton Konnerth, Columbus  
 Clifford Terry Krolick,  
   New City, N. Y.  
 Paul Langman, University Heights  
   B.A.  
 Roland Norman Lee, Newark  
 Mary Margaret Shepline Link,  
   Bellefontaine  
 Douglas Owen Lipp, Columbus  
 Nicholas Eugene Longauer,  
   North Olmsted  
 Catherine Rose Marshall, Amlin  
 Larry Duane Mathews, Hebron  
 Sandy Cook Maxwell, Columbus  
 Lenore Melmeyer, Coraopolis, Pa.  
 Lon Mendelsohn, Columbus  
 Edward Francis Mitzel, Youngstown  
 William Lee Nagel, Columbus  
 David Joseph Navratil, Lakewood  
 Larry Curtis Nickel, Columbus  
 Walter Brian O'Malley,  
   Greenville, S. C.  
 Ronnie Patrick, Fairborn  
 Raymond Todd Petit,  
   North Ridgeville  
 Leroy Peyton, Columbus  
 Gary Jay Pollick, Jericho, N. Y.  
 Ronald Clark Portnoy,  
   East Meadow, N. Y.  
 Patrick Vincent Reilly, Parma  
 Joseph Anthony Ricci, Columbus  
 Roger Phillip Rittenhouse, Hamilton  
 Stephen Paul Roach, Columbus  
 Les Steven Rosenberg, South Euclid  
 Robert Frederick Scheldt, Columbus  
 Keith Lewis Schneider, McLean, Va.  
 Sharon Ann Sciolli, Buffalo, N. Y.  
 Wiley Rea Secrest, Columbus  
 Dennis James Springer, Columbus  
 Carl John Stanek, Maple Heights  
 Dale Chris Stiffler, Cleveland Heights  
 George K. Stravelakis, Columbus  
 Rebecca Dale Wagner, Zanesville  
 David Alce Waldron, Cuyahoga Falls  
 Philip Sydney Waterworth, Dayton  
 Gregg Stephen Weiner, Toledo  
 Marc Elliot Wiener,  
   East Meadow, N. Y.  
 Gregory Dennis Yarman, Columbus

† Also Certificate of Graduate Dental Hygienist,  
 College of Dentistry

## College of Administrative Science

Dean: James R. McCoy

### School of Journalism

#### Bachelor of Arts in Journalism

*Fifty-nine candidates*

David Allen Agee, Dayton  
Margaret Winifred Allison, Columbus  
Alan Bruce Appel,  
North Bay Village, Fla.  
Linda Louise Ashbaugh, Westlake  
Steven George Birkhold, Columbus  
Paula Cecilia Blanchet, Coshocton  
Thomas Hugh Brennan, Shelby  
Stephen Craig Brice, Hudson  
Ann Hindman Brown, Columbus  
Rodger Lorne Brubacher, Columbus  
Gary Martin Bruell,  
Bradley Beach, N. J.  
Timothy John Bryan, Massillon  
Samuel Clark Byers, Columbus  
Daniel Jay Craig, Springfield  
Karen Ann Donofrio, Toronto  
Dale Charles Fenceli, South Euclid  
Gene Berschel Fox, New Bremen  
Van Michael Geondeff, Springfield  
Richard Edward Gill, Hilliard  
Lora Jane Glickman,  
Cleveland Heights  
Barbara Jo Gloeckner, Cincinnati  
Gregory Ray Griffith, Circleville  
Anne Morrow Gudenkauf, Columbus  
Karen Lyn Hamrick, Columbus  
Lorie Jeanne Handler, Youngstown  
Stephen Mark Handler, Columbus  
Louis Mare Heldman, Columbus  
Vicki Schmitz Heldman, Columbus  
Anne Veronica Hennessy,  
River Forest, Ill.  
Robert Earl Holbein, Jr., Norfolk, Va.  
Deborah Lynn Homzak, Cleveland  
Mary Julia Huntzinger, Columbus  
Lee Roland Jenkins, Youngstown  
Adele Maril Jones, Cincinnati  
Jeffrey Martin Kamin, Atlanta, Ga.  
Alan Duane Kovski, Huntington, N. Y.  
Cynthia Ruth Kriston, Akron  
Susan Cranston Kuntz, Columbus  
Wanda Jane Lynam, Bethel  
Donald Lee Mader, Springfield  
Pete Marinello, Jr., Columbus  
Richard Allen Markel, Lorain  
Roger John Mezger, Cincinnati  
Patricia Boyer Miller, Columbus  
Valerie Anne Mourad, Columbus  
Ronald Stanley Obsner, Columbus  
Brenda Shelley Okrent, Cincinnati  
Brooks Richard Pifer, Wauseon  
Gary Charles Pratt, Euclid

Gary Michael Quigg,  
Woodhaven, N. Y.  
Anthony Peter Rini, Cleveland  
Riley George Rowe, Lakewood  
Ann Elaine Sheldon, Bay Village  
John Matthew Steward, Napoleon  
Gloria Crotty Swanson, Columbus  
John Ray Venters, Columbus  
Joanne Mary Vivian, Kettering  
Elisabeth Shields Vuchnich, Toledo  
Ingerid Elizabeth White, Tampa, Fla.

#### Bachelor of Science in Business Administration

*Three hundred and nine candidates*

David Lee Abshier, Bellefontaine  
Michael Allison, Cincinnati  
Marcia Ann Amlie, Kettering  
Robert Paul Anderson, Greenville  
Mark Warren Andrews, Ashtabula  
Robert Jonas Applebaum,  
South Euclid  
Mark Peter Arnold, Heath  
Norman Scott Arnold, Germantown  
Joel David Axelrod, Cleveland  
Gary H. Badgley, Galion  
James Cotter Bain, Painesville  
Jerry Lewis Bail, London  
James Randall Baney, Westerville  
Michael Clair Bardo, Springfield  
James Lewis Barnes, Westerville  
Vallie Russell Bauer, Columbus  
John Lee Baughman, Dayton  
Joseph Paul Bellino, Youngstown  
Charles Herman Bendig, Warren  
Mark Owen Beyland, Centerville  
Harry George Beyoglides, Jr., Dayton  
Richard James Bialy, Akron  
Donald Eldon Bickley, II, Westerville  
Charles George Bigrigg,  
Martins Ferry  
Victor Raymond Blankenship,  
Hamilton  
Herbert Alan Block, Columbus  
Michael Louis Blower, Grove City  
Thomas Edward Boder, Newark  
James Lee Boggs, Elyria  
Ronald Kent Bowers, Greenville  
David Alan Brantley, Chillicothe  
John Paul Breech, Columbus  
Leo William Brennan, Claymont, Del.  
Randall Ernest Brooks, Chagrin Falls  
Robert Alan Brown, Elyria  
Thomas Jay Brown, Jr., Lima  
Frank Buckalew, III, Waverly  
Stephen Douglas Burrell, Jewett  
William Scott Cain, Belpre  
Jerry Thomas Caldwell, Columbus  
David Mark Callif, Columbus  
Dennis James Carol, Detroit, Mich.  
Michael Wesley Carroll, Cincinnati  
Marcia Judin Carron,  
Huntington, N. Y.  
Terry Lee Casey, Coshocton  
Timothy Robert Caskey, Hamilton  
Michael James Clancy, Amherst  
William James Clark, Columbus  
Thomas Ray Coppinger, Girard  
Edward Charles Corbett, Cleveland  
Edward Ernest Corbett, Columbus



Phillip Hamlin Corse, Waynesburg  
 Timothy Allen Cosgrove, Marion  
 Terry Linn Coss, Cambridge  
 Richard William Cowles, Morral  
 James Michael Cribbs, Canton  
 Timothy Ryan Crichfield, Troy  
 Robert James Croker,  
   Haddon Heights, N. J.  
 David Charles Cronin, Hudson  
 Myron A. Crowell, Marion  
 David Bruce Cumming, Dayton  
 John Thomas Danicki, Lorain  
 Richard John Danyi, Niles  
 John Allen Daum, West Milton  
 Peter Gordon Davidson,  
   Williamsville, N. Y.  
 Robert Mac Davis, Columbus Grove  
 Stephen Joseph Davis, Columbus  
 Kenneth Michael Dean, Lithopolis  
 Richard Charles De Bartolo,  
   Milltown, N. J.  
 John Francis DeGuisseppi, Easton, Pa.  
 Peter Andrew Deibig, Galion  
 Donald Joseph Derewiecki, Shadyside  
 William Dean Deutchman, Cleveland  
 Elaine Adrienne Dick, Cleveland  
 Dale Dee Dixon, Cardington  
 Michael Peter Donofrio, Bedford  
 Robert Eugene Downes, Jr.,  
   Brecksville  
 Richard Joseph Drainville,  
   Middleburg Heights  
 Bruce McAllister Draudt, Columbus  
 Douglas Leon Dunlap, Fort Seneca  
 Daniel Durica, Berea  
 Lawrence Edward Dusenbery,  
   Columbus  
 Dale Francis Duspiva, Chagrin Falls  
 † Denis Blaine Eastman, Columbus  
 David George Edgerton, Lishon  
 William Richard Engelland, Flyria  
 Gary Lee Enz, Piqua  
 Rodney Keith Evans, Pomeroy  
 Patrick Charles Fagan, Westerville  
 Kenneth William Feldmann,  
   Cincinnati  
 Richard Alan Fitz, Philo  
 William Benjamin Ford,  
   Pittsburgh, Pa.  
 Kenneth Raymond Frayer, Berea  
 Richard Stewart Friedland,  
   Plainview, N. Y.  
 Alan Stanley Garber, Hamden, Conn.  
 Margaret Lee Gasper, Berlin Center  
 David Leonard Geib, Columbus  
 William Barry Gilbert,  
   Springfield, N. J.,  
   B.A. (C. W. Post College)  
 Donald Lewis Golden, Elmont, N. Y.

James Cameron Gowe, Medina  
 Edward Thomas Gozowski,  
   Willoughby Hills  
 Charles David Guy, Columbus  
 David Alan Halsey, Newark  
 Marina Isabel Hartings, Columbus  
 Gary Lance Hartzell, Columbus  
 Dennis Blake Hauenstein, Massillon  
 Thomas Dean Hazelbaker,  
   West Union  
 James Arthur Hellyer, North Canton  
 Thomas Blake Henderson, Newark  
 Stanley Michael Herr, Fairhorn  
 Thomas William Herrmann,  
   Cincinnati  
 Richard Albert Herron, Salem  
 Richard Orrin Hilliker, Bellefontaine  
 Rick Lynn Himrich, Selby, S.D.  
 Gary Allen Hinaman, Claridon  
 John Herbert Hinterschied, Columbus  
 Dennis Lynn Hitchings, Canfield  
 Harold Roy Hodges, Heath  
 Dennis Arthur Hogan, Chardon  
 William H. Hogue, Newcomerstown  
 Albert Cornelius Hohenbrink, Ottawa  
 Norman Scott Hollander,  
   Westbury, N. Y.  
 Mark Edward Homrighouse, Cortland  
 Dennis Scott Hoobler, Dellroy  
 John Wilbur Hood, Detour, Md.  
 Lawrence Paul Hoyt, Brecksville  
 Dale Omer Huher, Columbus  
 Jimmie Lee Huitt, Jr.,  
   London, England  
 Steven Carl Husemann, Cincinnati  
 John Wayne James, Cleveland  
 James Jude Jermann, Parma  
 John Fredrick Kalb, Bay Village  
 John Charles Kalmhaugh, Cincinnati  
 Rodney Michael Kaplan, Cincinnati  
 Gary Wayne Keller, Jackson  
 Jerome Cronin Kienle, Grove City  
 Robert Harold Kier, Wilmette, Ill.  
 Dale Vincent Kindl, Independence  
 Reed Jan Klein, Lyndhurst  
 Steven Douglas Klepachak,  
   North Royalton  
 Harry Conrad Knapp, Ashtabula  
 Charles Walter Kohler, Toledo  
 Jeffrey Ira Konner, Great Neck, N. Y.  
 George Albert Krebs, III, Coshocton  
 Raymond Edward Kreutzfeld,  
   Columbus  
 Richard Carl Kriger, Columbus  
   B.A. (Pomona College)  
 James Kroviak, Parma  
 Robert Alan Kutler, Hewlett, N. Y.  
 Donald Lamka, Cleveland  
 Richard Allen Langley, Dayton

Thomas Phillip Lapish  
   Middleburg Heights  
 James Nelson Lawhun, Canton  
 Steven Dale Lawrence, McConnelssville  
 Donald Richard Lawson, Galena  
 Robert Michael Leggett, Columbus  
 Leonard Paul Lemire, Richmond  
 Nancy Marie Lenart, Rock Creek  
 William John Leonard, North Olmsted  
 Kenneth William Lerg, Detroit, Mich.  
 Kathy Harriet Levine, Cleveland  
 Mark Fredrick Levine, Trenton, N. J.  
 Edward Dewey Lewis, Newark  
 Eric Steven Lockshin, Akron  
 Randall Carl Looker, Columbus  
 Linda Louise Loose, Grove City  
 Louis Wesley Lowien, Columbus  
 Dennis Michael Lozinak,  
   Garfield Heights  
 Paul Jonathan Lastig,  
   Searsdale, N. Y.  
 Gregory Paul Mack, Wilmette, Ill.  
 Jeffrey Randall Macklin, Columbus  
 Dale Howard Markowitz,  
   South Euclid  
 Shawn Alan Martin, Stow  
 Jeffrey Michael McCleave, Parma  
 John Michael McKibben, Caldwell  
 Timothy Dale McNamara, Delaware  
 William Michael Mealer, Columbus  
 Larry Stephen Messner, Bellefontaine  
 James Edward Metzger, Dayton  
 James Dean Milby, Steubenville  
 Douglas Wade Miller,  
   Cleveland Heights  
 John David Miller, Marietta  
 Robert Byron Miller, Columbus  
 Richard Paul Molengraff, Cincinnati  
 John Lawrence Molnar, Brunswick  
 Thomas Ross Moninger,  
   Stamford, Conn.  
 Robert David Morrison, Norwalk  
 Jeanne Patrice Motley, Chicago, Ill.  
 Richard Howard Muskat,  
   New York, N. Y.  
 Harvey Harold Musser, Lima  
 Jeffrey Neil Nachman,  
   Long Beach, N. Y.  
 Mark Robert Neuman, Worthington  
 Dennis Eugene Nielsen,  
   North Fairfield  
 Rodney Lawrence Niner,  
   Wheelersburg  
 James Richard Norris, Stow  
 Nancy Elizabeth Offutt, Hamilton  
 John Willard Parsons, Tiltonsville  
 John Michael Pavlik, Seven Hills

† Degree awarded posthumously.  
 Died May 18, 1972

Francis Michael Payne, III, Cleveland  
 Jerald Alan Payner, South Euclid  
 William Edward Peelle, Martinsville  
 Gregory Robert Perrigo, Dayton  
 Donald Arthur Pesek, Independence  
 Rand Redd Pixa, Brunswick  
 Charles Henry Poll, Toledo  
 Gary Polster, Cleveland  
 Lawrence Armin Rackow,  
 Lynbrook, N. Y.  
 Vernon Ralls, Silverton  
 Thomas Rankin, Dillonvale  
 Brent Hastings Raub, Olmsted Falls  
 Earl Kelly Reed, Bay Village  
 Bates Carleton Richmond,  
 Silver Lake Village  
 Carl David Riddle, Caldwell  
 Richard Arthur Riegler, Columbus  
 Michael Grover Riley, Miamisburg  
 Kester Keane Rinehart, Columbus  
 Charles Robert Ritchey,  
 Fredericktown  
 James Norton Ritchie, Chesterland  
 Marc Wayne Robboy, Cleveland  
 Michael Brian Roberts, Worthington  
 Michael Douglas Rogers, Newark  
 Richard Bruce Rose, East Liverpool  
 Alexander Jay Rounds, Dayton  
 Steven Paul Rubin, South Euclid  
 Marvin Ray Sadowsky, Canton  
 David Kenneth Saffle, Columbus  
 Marvin Edward Sagar, Blacklick  
 Carl Richard Saliba, Caldwell  
 Robert Joseph Schmidt, Jr., Newark  
 Rick John Schwieterman, Columbus  
 Lynn Scoggin, Coshocton  
 Robert Joseph Seurlock, Dayton  
 James Howard Seeger, Chagrin Falls  
 William Russell Shaw, Columbus  
 David Paul Sheets, Miamisburg  
 Rickert Michael Shewring, Lorain  
 Jeffrey Lee Shively, Columbus  
 Michael Thomas Shuster, Columbus  
 Robert Regis Sieling, Portsmouth  
 Francis Joseph Sikon, Cleveland  
 Stuart Kalman Silver, Cleveland  
 Richard Milton Silverblatt, Toledo  
 Susan Victoria Simens, Mentor  
 Richard Anthony Simonski, Columbus  
 William Frank Simpson,  
 Allendale, N. J.  
 David Michael Sivinski, Columbus  
 Steven Andrew Skilken, Columbus  
 Robert Anderson Smallwood,  
 Montgomery, Ala.  
 Donald Ray Smith, Kenton  
 John Mark Smith, Euclid  
 Larry Lee Smith, Bellefontaine  
 Richard Reynolds Smith, Wadsworth

Eugene Raymond Snow, Newark  
 Michael Edward Solt, Arlington  
 Raymond William Sovik, Boardman  
 Kris Andrew Sowolla, Maple Heights  
 Donald Douglas Sparrow, Columbus  
 Steven James Springer, Cambridge  
 Allen Louis Stas, Cleveland  
 John Richard Stemple, Columbus  
 Michael Lee Sternad, Columbus  
 Kenneth Robert Stone, Jr.,  
 East Canton  
 Richard Stanley Straight, Canton  
 Martin Strauss, Hickory, N. C.  
 Roger Louis Sturbaum, Sandusky  
 Gregory Warren Sullivan, Maumee  
 William Linn Suver, Columbus  
 Frank Victor Swinehart, Columbus  
 Michael Lewis Swords, Minford  
 Frank Joseph Tate, Columbus  
 Henry Lee Taylor, Amsterdam, N. Y.  
 John Charles Thomas, Cleveland  
 Jeffrey Jay Thornburgh, Toledo  
 Charles Beckham Tichenor,  
 Barrington, Ill.  
 Loren Edward Tischer, Mt. Gilead  
 Randall Scott Tuck, Bloomville  
 Stephen Eugene Tumblin, Columbus  
 Christopher Case Tuttle, Sycamore  
 Eugene Philip Van Voorhis,  
 Port Clinton  
 John Lawrence Varble, Circleville  
 Theodore Vukelich, Lorain  
 John Lewis Wachter, Union  
 Barry Lee Waggoner, Hudson, N. Y.  
 Philip Michael Wagner, South Euclid  
 Stephen Wagner, Ashland  
 Robert Allen Walker, Ontario  
 Diane Kay Wallace, Mansfield  
 Charles Andrew Walter, Litchfield  
 Charles Roy Walz, Columbus  
 John Harrison Wambold, Hatboro, Pa.  
 Clifford Allen Weiss,  
 Forest Hills, N. Y.  
 Howard Marc Weiss, Pittsburgh, Pa.  
 Bradford Lee Weissfeld,  
 Shaker Heights  
 Ronald Doyle Wiles, Columbus  
 Kenneth Jan Wilschek,  
 New York, N. Y.  
 Jon Christopher Wilson, Columbus  
 John Stephen Wiseman, Columbus  
 John Thomas Woischke, Denver, Colo.  
 Charles Ray Wolfrum, Georgetown  
 Paul Alan Workmaster, Worthington  
 Frank Edward Wright,  
 Framingham, Mass.  
 Tracy Erin Wrightsman, Shelby  
 Stephen James Yaussy, Bucyrus

Daniel Jerome Yeckley, Wickliffe  
 Beverly Jane Zahn, Lorain  
 Dennis Walter Zaiko, South Euclid  
 Mauro Zenarolla, New Albany  
 James Dennis Zielinski, Chicago, Ill.  
 James Robert Zilch, Worthington  
 Cheryl Eileen Zimmerman, Akron

## School of Social Work

### Bachelor of Science in Social Welfare

Sixty-one candidates

Deena Marcia Adlerstein, Columbus  
 Karen Suree Austin, Mansfield  
 Rebecca Meyers Bezruczko, Lorain  
 Peter Aaron Bidney, Columbus  
 Susan Kay Bockrath, Dayton  
 Ronald Bostic, Columbus  
 Vicki Ann Conavay, Dayton  
 Vicki Lynn Cooley, Fremont  
 Linda Jean Covell, Dayton  
 Harold Dale Crosby, Mansfield  
 Helen Jean Dailey, Wintersville  
 Roger Stewart Dixon, Cleveland  
 Susan Mary Dragos, Niles  
 Karen Ann Druhot, Napoleon  
 Maryann Dupps, Germantown  
 Robert John Ferris, Cleveland  
 Mary B. Fisher, Shaker Heights  
 Cheryl Sue Fishman,  
 University Heights  
 Connie Sue Freshman, Columbus  
 Sharon Timken Gow, Pittsburgh, Pa.  
 Mary Michele Gray, Honolulu, Hawaii  
 Alan David Gutentag,  
 Stoneham, Mass.  
 Imogene Wyatt Hamon, Columbus  
 Rebecca Rose Heil, Tiffin  
 Kathleen Dale Hepler, Sylvania  
 Martha Marie Holloway, Logan  
 Anita Howard, Cincinnati  
 Kathryn Ellen Jackson, Dayton  
 Gwenyth Anne Jones, Cleveland  
 Sharlene Ann Kahn, South Euclid  
 Marilyn Janet Kellner,  
 University Heights  
 Nina Carole Kirschen,  
 Hicksville, N. Y.  
 Carol Jean Knoblauch,  
 Front Royal, Va.  
 Eileen Alice Knoblauch, Elmore  
 Elaine Lynn Kurzweil, Surfside, Fla.  
 Harold Andrew Lauer, Lima

## College of Agriculture and Home Economics

Dean: Roy M. Kottman

Linda Beth Longert, Cleveland  
Sharon Ann Lutes, Minerva  
John G. Mathew, Hallsville  
Catherine Desiree Milgrim, Cleveland  
Kathryn Miller, Columbus  
Laurie Gilbert Oser, Columbus  
Reed Linville Powell, Columbus  
Luanne Holzworth Pullen, Columbus  
Lynda Marie Reiser, Columbus  
Jean Ann Roseberry, Marion  
Nadine Marie Rotunda, Elyria  
Terry Leroy Russell, Westerville  
Nanette Schulman, Omaha, Neb.  
Mary Huston Schunke, Erie, Pa.  
Phillip Terry Shelley, Lima  
Sara Sue Sibley, Urbana  
Barbara Sue Siegelman, Shaker Heights  
Sandra Susan Silver, Windsor, Ont., Canada  
David Kenneth Slyh, Plain City  
Debra Aileen Smith, Columbus  
Beth Ann Trethewey, Newark  
Beverly Ann Ward, Batavia  
Joan Taylor Welker, East Liverpool  
Penny Diane Winkle, Sagamore Hills  
Janice Elaine Zolman, Fredericktown

### Bachelor of Science in Agriculture

Two hundred and sixty-two candidates

David Lynn Adams, Waverly  
Craig Edward Allen, Bellaire  
George Howard Allendorf, Huron  
James Russell Archer, Guysville  
Thomas Alan Archer, Circleville  
John Gerald Augustine, Euclid  
Daniel Gaillard Bach, Elmore  
Bruce Edward Bagley, Jefferson  
Jerry Francis Bailey, Cincinnati  
Richard Roy Baker, Jr., Dover  
Janet V. Baldi, Flushing, N. Y.  
Robert Edmund Ball, Caldwell  
Timothy Ackley Barnes, Radnor  
David Anderson Basquin, Shreve  
James Alan Baumgardner, Cincinnati  
Stephen Lee Bechtel, Fredericktown  
Timothy Joseph Beckman, Minster  
Howard Wesley Beery, Bluffton  
Robert Earl Beery, Logan  
C. Thomas Bell, Delaware  
Donald Wayne Berger, Hamilton  
James Michael Berry, Dayton  
Frank William Bischak, Cincinnati  
Kenneth Lewis Black, New Waterford  
Terry Alan Blake, Columbus  
Kenneth Lynn Blanchard, Danville  
Thomas Duane Blodgett, Sturgis, Mich.  
Craig Edwin Boblenz, New Bloomington  
Charles Anthony Bogar, Jr., Salem  
Thomas Michael Bolles, Solon  
Marguerite Elaine Boros, Fort Myers, Fla.  
William David Bowers, Eaton  
Dale Arthur Bray, Chesterland  
Randy Doyle Brehm, Fayette  
Donald Ray Brinkman, Bucyrus  
Alan Robert Brown, Endicott, N. Y.  
\*Paul Emerson Browning, Columbus  
Donald E. Bucher, Pandora  
Thomas Anthony Buchholz, Wooster  
Robert Alan Burrows, Kettering  
Ray Leon Butt, Jr., Georgetown  
Michael Leroy Camechis, Thornville  
Terrance Roger Campbell, Bethel  
Richard Andrew Cappell, Dover  
Michael James Carey, Fairview Park  
Mary Alpharetta Cartwright, Columbus  
Susan Linda Cave, Fredonia, N. Y.  
Don Frederic Clark, Johnstown  
Harold Donald Clark, Wadsworth  
George August Clausen, Pleasant Plain

Gregory Eugene Cole, Shelby  
Stephen Davison Coles, Fairview Park  
Duane Edwin Counterman, Rockford  
John Prescott Cox, Adams Mills  
Robert Mearl Crowder, North Lewisburg  
Edward James Cuccio, Lodi, N. J.  
Martin Allen Cybulski, Belmont  
Larry Joe Daniels, Howard  
Stephen Joel Deering, Monroeville  
John Alexander Deisher, Bellefontaine  
Kenneth Joseph Diedrick, LaGrange  
Barry Allen Diehl, New Lebanon  
John Charles Diekmann, Steubenville  
John Alan Dilling, New Waterford  
Edward Eugene Donohue, Toronto  
Robert James Doremus, Upper Montclair, N. J.  
John T. Dunbar, Milford Center  
Shelley Dunham, Toledo  
David James Dysinger, Findlay  
Charles David Engster, Warren  
Douglas Errol Entler, South Charleston  
David Clinton Flannery, Grove City  
Michael Henry Follrod, Ansonia  
David Marshall Fornof, Columbus  
Daniel Robert Forster, Tiro  
John Christopher Foust, Fairfax, Va.  
William Ernest Franck, Port Clinton  
Robert Detrick Freeze, Dayton  
Robert Marion Freeze, Springfield  
Daniel Wilson Friedly, Convoy  
Mark Richard Fry, Shelby  
†Roger Frederick Genter, Napoleon  
Thomas John Gerschutz, Alvada  
Alan Gordon Gibson, Salem  
Larry Don Gorrell, Cecil  
Thomas Erwin Graham, Cleveland  
Thomas Edward Greene, Wellington  
Douglas Carl Groh, Fairfield  
Robert Clinton Guinther, Galion  
\*Charlotte Gyllenhaal, Bay Village  
Larry Joe Habrun, East Sparta  
John Richard Haines, Montpelier  
Kenneth Alan Halko, Lakewood  
Karol Patrice Hall, Newark, Del.  
Douglas Ray Halterman, Richwood  
Kent Douglas Hammond, Columbus  
Howard Charles Harper, Columbiana  
Ronald Max Heath, West Liberty  
Mark Lynn Hemmerich, Brookville  
James Marvin Herron, Jr., Columbus  
Stephan Robert Hess, Ashland  
Edward Darrel Hilt, Gibsonburg

\* Also Bachelor of Science in Education,  
College of Education  
† Also Master of Science, Graduate School

Ralph Blaikie Hines, Darien, Conn.  
 Thomas James Hines, Barnesville  
 Randall Lee Hock, Chandlersville  
 Walter Woodrow Holbrook,  
   Chesapeake  
 Mary Hochstetler Hoovler, Danville  
 Michael Douglas Hulse,  
   Fredericktown  
 Jean Elyn Hutchison, Columbus  
 Daniel Lee Jarboe, Montpelier  
 Larry Parks Jennings, New Concord  
 Jeffrey Stewart Johnson, Bellevue  
 Frank Richard Jokinen, Dorset  
 Harold Harry Jones, Jr., Ohio City  
 John Myron Jones, Newcomerstown  
 Edward James Kaiser, Minster  
 Richard Theodore Karlburg,  
   Sherrard, Ill.  
 Stephen Otto Kilmer, Huron  
   B.A. (DePauw University)  
 Wayne F. King, Mt. Sterling  
 \*Gary Martin Kinnison, Cedarville  
 Douglas Eugene Kirgis, Bloomville  
 June Elizabeth Kirvan,  
   North Chili, N. Y.  
 Paul Stephen Kormanik, Clinton  
 John Richard Kruckeberg, Palestine  
 Ronald Theodore Kus,  
   Garfield Heights  
 Marc Clifton Lacy, Conesville  
 Herbert Marion Lane, Springfield  
 William Michael Lardie, Ashtabula  
 Leonard Nathan Lashaway, Dublin  
 Michael James Layman, Kenton  
 Kenneth Richard Leonard, Berea  
 Rodney Allan Lewis, Thurman  
 David Keith Linkhart, Xenia  
 Herbert Ray Luttrell, Troy  
 Benjamin Gaylord Maiden, Columbus  
 Richard Allan Markley, Mansfield  
   B.S.  
 Ronald Lynn Maurice, Conover  
 Edwin Hector McConoughey, Solon  
 David Clark McCoy, Fredericktown  
 Jack Alan McCoy, Peebles  
 Dorian David McKinney, Cincinnati  
 Brad Lee McKittrick, Marysville  
 John Vincent McMahan, Marion  
 Michael Leroy McMaken, Covington  
 Roland John McQuate, Athens  
 \*Lonnie Meusen, Louisville  
 Elizabeth Ann Mergler, Dayton  
 Gregory Ray Miller, Washington C. H.  
 James Michael Miller, Columbus  
 John Leslie Miller, Elida  
 Kenneth LeMar Miller, Mantua  
 Jeffrey Glen Millns, Toledo

Suzanne Avis Mills, New Paris  
 Steven Lee Minter, Richwood  
 Theodore Lee Mochel, Lemont, Ill.  
 Thomas Earle Monroe, Magnolia  
 Robert Keith Moser, Lima  
 John Curtis Mossbarger,  
   Bloomington  
 Robert Ray Motycka, Scott  
 David Emerson Moulton, Ravenna  
 Gregory Lee Mountz,  
   Hummelstown, Pa.  
 Thomas Eugene Moyer, Mt. Cory  
 Richard Thomas Nemecek, Cleveland  
 David Russell Notter, Scottown  
 Dennis Anthony Nowicki, Toledo  
 Robert Kenneth Obrecht, Loudonville  
 Fred Joseph Pallotta, Parma Heights  
 Stephen Richard Parrish, Felicity  
 William Morgan Peake,  
   Pittsburgh, Pa.  
 Alfred Sethne Person, Sherman, N. Y.  
 Gene Michael Pesti, Novelty  
 † Eryn Roger Pickering,  
   Speedway, Ind.  
 George Harry Pieper, Dayton  
 David Charles Poling, Dunkirk  
 Diana Louise Powell, Burton  
 Clemens Charles Prenger, Minster  
 Larry James Rausch, Raymond  
 Donna Jean Redhead, Lakewood  
 Jay Eric Reveglia, Grafton  
 James Glenn Ritter, Fremont  
 Susan Giaquinto Ritter, Dover, N. J.  
 Russell Lowell Robertson, Jr., Utica  
 Robert Carl Robinson, Galion  
 Ruth Ann Robson, Columbus  
 Harry Dennis Rolfe, Mt. Sterling  
 Thomas Joseph Rosenbeck, St. Henry  
 John David Ross, Oregonia  
 Walter James Rotruck, Sandusky  
 John Oren Rowe, Marion  
 Scott Walter Rowe, Homerville  
 Ray Arthur Rummell, Carrollton  
 Boyd Allen Ruth, Athens  
 Robert Stephen Sallade, York, Pa.  
 Leslie Herbert Schaffner, Fayette  
 Kenneth John Schilling, Marietta  
 David Alfred Scoles, Bluffton  
 Richard Joseph Seekatz, Chillicothe  
 Arthur Eugene Segedy, Jr.,  
   Chagrin Falls  
 Martin Stephen Sherman,  
   Mayfield Heights  
 Tony Mark Sherry, Versailles  
 Terry William Shoenberger, Kinsman  
 Robert Wayne Shoffstall, Lakeview  
 William Walter Shultz, DeGraff  
 John Martin Siegel, Fort Loramie

Lawrence Joseph Simonetti,  
   North Royalton  
 George Joe Sims, Howard  
 Robert Emerson Skidmore, Dayton  
 Myron Ira Smith, Canton  
 William Victor Smith, Tiffin  
 Glen David Smucker, Orrville  
 Myron Lamont Snow, Newark  
 Andrejs Spalvins, Cleveland  
 Stephen William Spitler, Springfield  
 Gary Eugene Stacy, Bellevue  
 Thomas Robert Staley, Columbus  
 Ray Edward Steele, New Carlisle  
 Juan Steer, LaPaz, Bolivia  
 Doyle Harold Stevens, Norwalk  
 Ronald Eugene Strasburg, St. Marys  
 John Arthur Syferd,  
   Washington C. H.  
 Richard Lowell Szwest, Akron  
 Paul Robert Szymanowski, Toledo  
 Larry Omer Tangeman, New Bremen  
 William Rowland Thomas, Jr.,  
   Granville  
 James Michael Tighe, Cleveland  
 Robin C. Timmons, Kirkersville  
 Michael Alan Titer, Springfield  
 Christopher Ray Toops, Springfield  
 Patrick Lyon Toops, Dayton  
 Gary Lee Topp, New Bremen  
 Richard Warren Ullman, Columbus  
 John Allen Ulmer, Bucyrus  
 Jane Ellen Vagasky, Euclid  
 Steven Lee VanEman, Venedocia  
 Thomas Dale VanNostran, Copley  
 John David Varner, Belle Center  
 Dennis Albert Verhoff, Continental  
 Steven Eugene Waddle, Springfield  
 Phillip John Wagner, Lancaster  
 Wayne Reed Wagner, Fremont  
 Marc Stephen Walters, Dover  
 David Allen Ward, Barnesville  
 Larry Edward Ward, Barnesville  
 John William Wargo, Caldwell  
 Raymond Joseph Wasniak,  
   South Euclid  
 Robert Lewis Weaver, York, Pa.  
 Jack Eugene Weisenstein, Columbus  
 David Alan Weston, Columbus  
 Sue Witten Whitacre, Lowell  
 Daniel Doran Widdler, Sugarcreek  
 Earl Craig Wiget, New Vienna  
 Kenneth Sylvan Wiles, Wooster,  
 Ronald Lynn Wolfarth, Louisville  
 Charles Richard Wood, Burton  
 Timothy Lowell Wood, Wellsville

\* Also Doctor of Veterinary Medicine,  
 College of Veterinary Medicine  
 † Also Master of Science, Graduate School

David Michael Work, Cuyahoga Falls  
 Douglas Kevin Yates, Mentor  
 Donald Wayne Young, Pemberville  
 Donald James Zieber, Bellevue  
 Carol Jean Zikursh, North Royalton  
 William Paul Zmich, Cleveland  
 Frank Andrew Zupcsan,  
 North Madison

#### **Bachelor of Science in Dairy Technology**

Three candidates

David Huber Black, Mogadore  
 Kenneth Joe DePaola, East Sparta  
 Martha Jeanne Wiederhold,  
 Blanchester

#### **Bachelor of Science in Food Technology**

Three candidates

Paul Eugene Ewing, Dayton  
 Carl Edward Hawkins, Hamersville  
 Roger Allan Wilson, Cincinnati

#### **Bachelor of Science in Nutrition**

Three candidates

James Stockley Diehl, Akron  
 Wayne Henry Gunselman, Jr.,  
 Portsmouth  
 Karen Sue Kasting, Cincinnati

#### **School of Home Economics**

One hundred and forty-three candidates

#### **Bachelor of Science in Home Economics**

Deborah Ann Adams, Grove City  
 Janice Eileen Aikins, Xenia  
 Carolyn Beth Aker, Fairview Park  
 Marie Sims Allison, Columbus  
 Rosemarie Helen Amato, Cleveland  
 Nancy Foster Antochow,  
 Shaker Heights  
 Judy Ann Arnold, Orrville  
 Janet Ruth Bare, Canfield  
 Sue Ellen Bayly, Columbus  
 Janet Karen Berger, Pittsburgh, Pa.  
 Denise Soukup Berilla, Springfield

Kathleen Karen Berlin, Columbus  
 Teresa Kaye Berner, Dover  
 Deborah Louise Bevington, Troy  
 Joyce McLoney Billotte, Carrollton  
 Barbara Jean Bilsing, Galion  
 Mary Ellen Straub Binns,  
 Cleveland  
 Sandra Jean Blumenschein,  
 Marysville  
 Betty Jean Boney, Williamston, N. C.  
 Patti Jayne Booze, Fredericktown  
 Mary Kettunen Bowlin, Andover  
 Cynthia Jo Bright, Lucas  
 Susan Hanna Brock, Columbus  
 Barbara Sue Brooks, Dayton  
 Miriam Blema Brotman,  
 University Heights  
 Susan Alice Bruggeman, Marion  
 Mary Ann Catherine Burden,  
 Wapakoneta  
 Carol Jo Carpenter, Columbus  
 Jennifer Ruth Chamberlain,  
 Reynoldsburg  
 Kay Perry Chester, West Unity  
 Shirley Ann Chisholm, Euclid  
 Linda Sue Cochran, Mt. Vernon  
 Miriam Cheryl Coleman, Salem  
 Joyce Christine Cook, Bucyrus  
 Lynda Ann Corum, Mansfield  
 Tarie Marshall Curtiss, Columbus  
 Susan Elaine Donley, Columbus  
 Helga Meta Dopperle, Hamilton  
 Barbara Breuning Dusenberry,  
 Oberlin  
 Marda Lou Edmundson, Madison  
 Rebecca Jane Edwards, Oak Hill  
 Dorothy Jane Eisel, Rockford, Ill.  
 Mary Louise Faehnle, Columbus  
 Karen Bloom Faust, Peebles  
 Ann Shaw Ferguson,  
 Rowayton, Conn.  
 Nanette Louise Fisher, Cleveland  
 Wendy Rita Fisher,  
 Miami Beach, Fla.  
 Donna Jean Fosco, Sandusky  
 Marilyn Lentz Franklin, Columbus  
 Lynn Kay Fraunfelter, Circleville  
 Dian Sue Fredericks, Grove City  
 Claudia Wood Freeman, Pataskala  
 Beth Darlene Gamble, Tiffin  
 Rita Clark Gasser, Smithville  
 Katherine Kniskern Gecwich,  
 Willoughby  
 Mary Ann Clager Georgenson,  
 Columbus  
 Camille Claire Gladieux, Toledo  
 Nancy Sue Glenn, Ashland  
 Nancy Anne Grimmer, Norwalk  
 Pamela Elizabeth Grove, Cortland

Janis Ellen Hall, Berea  
 Georgia Elizabeth Hamrick, Circleville  
 Patricia Ellen Hanley, Newark  
 Nancy Lynn Henry, Cortland  
 Deborah Sanford Hilscher,  
 North Canton  
 Margaret Ellen Iliff,  
 Santa Maria, Calif.  
 Eileen Marie Janssen, Worthington  
 Patsy Pierson Jenkins, Mt. Vernon  
 Jo Marlene Jones, Harrod  
 Marsha Lynn Jones, Xenia  
 Janet Hill Kearney, Columbus  
 Judith Gale Krell, Pepper Pike  
 Helissa Tina Kruseh,  
 Oceanside, N. Y.  
 Susan Elizabeth Kuhnner, Columbus  
 Mary Louise Kurlich, Havertown, Pa.  
 Carolyn Murphy Lee, Pleasant City  
 Enid Diane Lefton, South Euclid  
 Jane Elizabeth Logan, Mt. Gilead  
 Linda Ann Londot, Mansfield  
 Sandra Scarbrough Luster, Columbus  
 Martha May Mason, Cambridge  
 Rhodena Forman Masys,  
 Morehead, Ky.  
 Nancy May, Circleville  
 Joan Frances McCaw, Cuyahoga Falls  
 Elisabeth Emily Miller,  
 St. Petersburg, Fla.  
 Margo Hunter Miller, Columbus  
 Marsha Sue Mills, Georgetown  
 Leila Barkley Montgomery,  
 New Lexington  
 Rebecca Ann Mumaw, Mansfield  
 Pamela Alexander Musgrave,  
 Columbus  
 Ceil Felice Neumann, Northbrook, Ill.  
 Linda Irene Nierstheimer,  
 Yellow Springs  
 Randall Smith Nydegger,  
 Rutherford, N. J.  
 Cynthia Nan Oberlin, Bryan  
 Maureen Elizabeth O'Brien, Columbus  
 Joanne Evans Oliver, Columbus  
 Susan Kay Oliver, Chillicothe  
 Susan Mary Oliver, Toledo  
 Mary Louise Patterson,  
 Chesterland  
 Susan Chalmers Patterson  
 Cleveland Heights  
 Isabel Young Poling, Amanda  
 Marilyn Sue Postle, Hillsboro  
 Patricia Lou Prather, Lancaster  
 Nancy Bird Prox, Mt. Vernon  
 Charlene Metzger Ransdell,  
 Washington C. H.  
 Charlotte Ann Rearick, Wilmette, Ill.  
 Jo Ellen Ricks, Niles, Mich.

## College of Dentistry

Dean: John R. Wilson

Barbara Arlene Ridgway, Dover  
 Mary Susanna Roberts, Radnor  
 Karen Cordell Rush, Milford Center  
 Sharon Lynne Sabato, Cincinnati  
 June Eileen Sanders, Greenville  
 Arline Mutti Sarley, Stone Creek  
 Gail Leslie Schneider,  
     Westfield, N. J.  
 Barbara Sue Scott, Westerville  
 Jeannette Sue Selby, Warren  
 Kathy Sue Sheets, Genoa  
 Deborah Kay Shipley, Columbus  
 Susan Griffith Shough, Columbus  
 Marcia Elaine Smith, Hopedale  
 Carol Sue Smythe, Columbus  
 Jane Stahler Stanfield,  
     Michigan City, Ind.  
 Donna L. Steiger, Solon  
 Sandra Jean Stimmel, Kettering  
 Cheryle Ann Stone, Cambridge  
 Vicky Pedersen Tarris, Denver, Colo.  
 Karen Pearson Tate, Columbus  
 Marlene Mary Taucher, Cleveland  
 Diane Marie Tully, Short Hills, N. J.  
 Marlene Joan Volk, Crestline  
 Jody LaDeane Wallace, Conover  
 Kendra Lynn Wander, Worthington  
 Susan Mary Wargowsky, Waldo  
 Constance Lee Wickiser, Carey  
 Pennie Ann Wilging, Mansfield  
 Carol Ann Witmer, Louisville  
 Jo Ann Wittenauer, Kent  
 Cynthia Sue Wolff, Medina  
 Christine T. Work, Columbus  
 Janet Marie Yake, Cardington  
 Nellda Louise Yost, Parkman  
 Janet Louise Young, Cuyahoga Falls  
 Donna Marie Zack, Richmond Heights

### Bachelor of Science in Nutrition

Two candidates

John Michael Krafcik, Parma Heights  
 Linda Kay Van Demark, Worthington

### Bachelor of Science in Restaurant Management

One candidates

John James Marcinick,  
     Cuyahoga Heights

### Doctor of Dental Surgery

One hundred and thirty-two candidates

Louis Albert Andrews, Jr., Cincinnati  
 B.S. (Ohio University)  
 Michael Edward Arlin, Lima  
 Kevin John Armbrecht, Cleveland  
 B.S. (Cleveland State University)  
 William Sanderson Baird, Dayton  
 David Jess Barabe, Dayton  
 B.S.Bus.Adm.  
 Frank Conrad Baumholtz, III,  
 Cleveland  
 B.S. (Ohio University)  
 William Evan Beacham, Euclid  
 B.A. (Miami University )  
 Daniel Eric Becker, Spring Valley  
 B.S. (Ohio University)  
 Steven Robert Bohl, Urbana  
 Robert Harold Buchholz, Cincinnati  
 B.S. (University of Cincinnati)  
 Kenneth Barry Bundy, Toronto  
 B.A.  
 Stephen Hoover Burke, Defiance  
 Michael David Caporal, Dayton  
 B.S.  
 Clark Dowling Cellio, Columbus  
 B.A.  
 Bradley Philip Clark, Alliance  
 Ronald Leslie Clowson, Columbus  
 B.S.  
 Anthony Codispoti, Canton  
 John Andrew Corbett, Columbus  
 B.A. (Denison University)  
 Thomas Theodore Costello, Cincinnati  
 B.S. (Xavier University)  
 Robert Emerson Davis, Columbus  
 Angelo James DeFalco, Wintersville  
 Patrick Louis DelFlore, Youngstown  
 John Michael DeMarco, Shadyside  
 William Keith Duncan, Bay Village  
 Edward Charles Eberlin, Cleveland  
 B.S.  
 David Mitchell Edwards, East Canton  
 Dennis William Ellis, Columbus  
 B.A., M.S.  
 James Roger Fahrbach, Columbus

Steven Heibert Ferriot, Stow

David William Ferris, Oxford  
 B.A. (Miami University)

Dale Frederick Finkbine, Hamilton  
 B.S.

Robert John Frank, Youngstown  
 B.S. (Youngstown State University)

Richard Lee Frankel  
 B.A. (Miami University)

Bruce Albert Frasz, Mansfield  
 B.S.

Brian Howard Freedman,  
 Cleveland Heights

William Lloyd Fullerton,  
 East Palestine

Ronald Blase Gade, Seven Hills

Richard William Gilmer, Jr.,  
 Lewisburg

Geoffrey Lee Gold, Columbus

Thomas Francis Graham, Canton  
 B.S. (University of Notre Dame)

Gary Arthur Greunke, Graytown

John Anthony Grinaldi, North Canton  
 Mark Henry Grosshandler, Zanesville

David Lee Grubb, North Canton  
 B.S.

Jeffery Paul Guest,  
 Birmingham, Mich.  
 B.S.

Michael Alan Hall, Vandalia

Paul William Harr, New Boston

Robert William Hepler, Akron

Thomas Mitchell Hewlett, Columbus  
 B.S.

Jonathan Eric Hires, Toledo

Mark Steven Hodson, Lancaster

Jeffrey Terrell Hoffeld, Cincinnati  
 B.S. (University of Cincinnati)

James Allan Hoke, North Canton

Stephen Rowles Holliday, Lancaster  
 B.S. (Capital University)

Robert John Howard, Jr., Parma  
 B.S.

Thomas Edwin Hull, Delaware  
 B.S.

John Louis Izanec, Cleveland

Donald Carl Jeffers, Roanoke, Va.  
 Dennis Bruce Johnson, Columbus  
 Henry Alan Ker, Columbus  
 B.S.  
 Ronald Klenotic, West Richfield  
 Richard Morris Klespies, Akron  
 John George Kostohryz, Brecksville  
 B.S. (Ohio University)  
 Donald Ray Lee, Columbus  
 B.S.  
 James Robert Leventry, Brecksville  
 B.S. (Adrian College)  
 Lawrence Robert Liguore, Akron  
 B.A.  
 John Edward Long, Hamilton  
 B.A.  
 Robert Gregory Lowry, Warren  
 Rickey Edward Luzar, Crestline  
 James Lee Mast, Dover  
 Thomas Roush McDonald, Circleville  
 B.S.  
 Dale Edgar McLean, Columbus  
 Joseph Michael Minotti, Youngstown  
 B.A. (Miami University)  
 Joe Ike Mitchell, Jr., Canton  
 Joseph Anthony Mitchell, Girard  
 Gregory Dana Monroe, Lima  
 Herold Douglas Mougey, Rittman  
 B.A., M.S. (Southern University of  
 Illinois)  
 Richard Charles Nyzen, Jefferson  
 B.S.  
 Konrad Omeltschenko, Apple Creek  
 B.S.  
 Thomas Edwin Osterday, Cincinnati  
 B.S. (Xavier University)  
 Thomas Philip Partridge, Hillsboro  
 William Fredrick Partridge,  
 Columbus  
 B.S.  
 Joe Allen Patton, Lima  
 Joseph Edward Pierce, Dayton  
 B.A. (Depauw University)  
 Randall Martin Pohjola, Middletown  
 Timothy Lee Pohlman, Reading  
 Dan Melbourne Prucha, Bedford

Kenneth Charles Reed, Philo  
 B.S. (Ohio University)  
 Robert Richard Reese, Bay Village  
 Jay C. Resnick, Cleveland  
 Jon Marc Rhoades, Cincinnati  
 David Alan Rhodes, Lowellville  
 Paul Anthony Ricchetti, Jr., Cleveland  
 B.S. (Ohio University)  
 Gary Donald Robinett, Miamisburg  
 Ralph H. Rosenblum, Jr., Columbus  
 B.A. (Miami University)  
 Thomas Peter Russin, Steubenville  
 Dean Carroll Rust, Eaton  
 B.S. (Manchester College)  
 Paul Welstead Schanher, III,  
 Springfield  
 B.A. (Indiana University)  
 Rickne Craig Scheid, Sandusky  
 B.A. (Ohio Wesleyan University)  
 Andrew Scislo, Cleveland  
 Mark Frank Sedlak, Mansfield  
 Irwin Bruce Shapiro, East Liverpool  
 B.A. (Ohio Wesleyan University)  
 John Robert Sheets, Gallipolis  
 B.S. (Ohio University)  
 Thomas Paul Shopper, Akron  
 Dale Roland Siemer, Cincinnati  
 B.A. (University of Cincinnati)  
 James Lee Sims, Troy  
 B.S.  
 David Michael Sinar, Akron  
 B.S. (John Carroll University)  
 David Heber Slack, Zanesville  
 B.S.  
 Mark Steven Smilack, Columbus  
 John Philip Smith, Jr., South Euclid  
 B.S. (Ohio University)  
 William Paul Sockman, Columbus  
 B.S.  
 David James Spangler, Oak Harbor  
 Robert George Statler, Akron  
 B.A. (University of Akron)  
 Steven Lee Steakley, Ashtabula  
 B.S.  
 Michael David Stern, Cleveland  
 B.S.  
 Marc Barrett Sternberg, Akron

Donald Layne Stone, Columbus  
 B.S. (Purdue University)  
 Thomas Alfred Tallbacka, Ashtabula  
 Thomas Charles Thuma, Jamestown  
 B.A. (Denison University)  
 Nicholas Joseph Tomasi, Lima  
 B.S.  
 John Richard Trippy, St. Joseph, Ill.  
 Thomas Edgar Tuckerman, Athens  
 Daniel Janse VanAntwerp, Solon  
 B.A. (Denison University)  
 Joseph John VanBalen, Jr., Columbus  
 James Jerome Varley, Youngstown  
 B.S. (University of Dayton)  
 Joel Milton Weaver, II, Akron  
 B.S. in Pharm. (Ohio Northern  
 University)  
 John William White, Upper Arlington  
 James Michael Whitley, New Boston  
 B.S. (Ohio University)  
 Robert Hannan Williams, Jr.,  
 Cincinnati  
 B.A.  
 Michael Stewart Wooddell, Shelby  
 B.A.  
 Jacob Yosafat, Cincinnati  
 B.S. (University of Cincinnati)  
 James Gregory Zaletel,  
 Broadview Heights  
 B.S. (University of Dayton)

# **Certificate of Graduate Dental Hygienist**

Seventy-seven candidates

Janice Elizabeth Balk, Columbus  
 Robin Lee Barnheiser, Dayton  
 Vicki Ann Barnhouse, Columbus  
 B.A.  
 Martha Post Baxter, Fremont  
 Robbin Josephine Benik,  
 North Canton  
 Wendy Grayce Benner, Wadsworth  
 Pamela Jane Beuter, Martins Ferry  
 Brunhilde Bietz, Tiffin  
 Judith Marie Blazer, Parma  
 Kay Ellen Bremer, Toledo  
 Janice Elaine Busch, Marion  
 †Suzanne Hayden Cameron,  
 Columbus  
 Bonnie Susan Campbell, Brecksville

† Also Bachelor of Arts,  
 Colleges of the Arts and Sciences

## College of Education

Dean: Luvern L. Cunningham

### Bachelor of Science in Education

One thousand and seventy-six candidates

Jay Wayne Abels, Ashland  
Jo Anna Ackerman, Bellville  
Annette Davis Adams, Worthington  
Stephen Harris Adams, Columbus  
Arthur Anderson Adkins, Amherst  
Timothy Arthur Adkins, Elyria  
Bonita Helaine Adler, Beachwood  
Patricia Marilyn Agler, Prospect  
Samuel Alexander, Columbus  
Donna Jo Allen, Akron  
Linda Fick Allenbach, Columbus  
Teresa Mae Allerdin, Loudonville  
Nancy Allison, Washington, Pa.  
Ivy Lee Amos, Mansfield  
Dorothy Ziemak Anderson, Gahanna  
Kristin Lynne Anderson, Dayton  
Sandra Lee Anderson, Strongsville  
Deborah Susan Andrews, Hicksville  
Judith Marie Angelo, Columbus  
Daniel Edward Ansel, Grove City  
Laura Josephine Arbuckle, Lakewood  
†Donald Gordon Ardrey, Columbus  
Craig Stephen Armstrong, Columbus  
Michael Joseph Armstrong, Columbus  
Debra Ann Arntine, Cleveland  
Marianne Artrup, Chillicothe  
Kathy Louise Ash, Pittsburgh, Pa.  
Natalie Ann August,  
Springfield, Ill.  
Jerry James Autenrieth, Grove City  
Victoria Annette Backes,  
Reynoldsburg  
Mary Carolyn Bagley, Chagrin Falls  
Deborah Ann Bailey, Cincinnati  
Steven Allen Bailey, Columbus  
Nancy Schreiber Bain,  
Rochester, N. Y.  
Geraldine Theresa Bajzer, Cleveland  
Bonnie Sue Ball, Worthington  
Erwin Jason Bandy, Pataskala  
Caroline King Barabani, Mansfield  
Norine Paula Baratt, Cleveland  
Dolores Irene Barber, Newark  
David Michael Barhorst, Sidney  
Matthias Abraham Barouh,  
Columbus  
Leslie Habel Barr, Kettering  
Sue Ann Barrett, Columbus  
Denis Eldon Barry, Wellsville  
Larry Mark Bartos, Campbell  
Ross Delno Bartschy, Jr., Columbus

† Also Bachelor of Arts,  
Colleges of the Arts and Sciences

‡ Also Bachelor of Science in Education,  
College of Education

Diana Jean Carlisle, South Euclid  
Becky Lynn Christy, Toledo  
Sue Ann Cochran, Columbus  
‡Naomilee Finley Davis, Xenia  
Barbara Colleen DeLuca,  
Washington, D. C.  
Denise Deborah Diedrich,  
Worthington  
Karen Ann Dietch, Columbus  
‡Debra Lynn Drube, Cincinnati  
Rae Ellen Dubach, Ashtabula  
Jennifer June Dunn, South Vienna  
Patti Sue Epstein, South Euclid  
Constance Lee Fisher, Columbus  
Shandolia Marie Flagel, Dayton  
†Barbara Ayers Ford, Mt. Vernon  
†Elizabeth Marie Grigonis, Euclid  
†Lubomira Hadzima, Euclid  
Marsha Lee Hall, Dayton  
Patricia McCarley Heaton, Hillsboro  
Brenda Sue Henahan, Dayton  
Mary Elizabeth Hoddy,  
Owosso, Mich.  
Vicki Lynn Jacobs, Mansfield  
Kathleen Loretta Kaye, Brecksville  
Sandra Sue Keyerleber, Mentor  
Claudia Lou Kiefer,  
Middleburg Heights  
Ann Loraine Kobilarcsik, Wooster  
†Betty Lee Lewis, Cincinnati  
†Catherine Ambrozic Llewellyn,  
Lorain  
†Susan Louise Mandel,  
Cleveland Heights  
†Maureen Marquard, Cleveland  
†Jean Elizabeth Marshall, Kettering  
Patricia Ann McCloy, Cincinnati  
Paula Jinnett McWhorter, Lyndhurst  
Jeralyn Mies, Galion  
Cynthia Louise Molyet, Fremont  
Lenita Geiger Mullin, Columbus  
Pamela Ann Murphy, Springfield  
Joyce Renee Myers, Peninsula  
Diane Felice Navarre, Lima  
Terry Lee Osborne, Hamilton  
†Michele Marie Owens, Alliance  
Carolyn Cannon Randall,  
Logan, Utah  
Sharon Diane Ray, Lancaster  
Marlene Ann Reineke, Bellevue  
Ellen Joyce Ross, Toledo  
Karen Jean Ross, Lyndhurst  
Constance Sue Seckel, Mansfield  
Shirley Ann Shade, Versailles  
Jeanne Ryan Sines, Circleville  
Elaine Kay Sissca, North Canton  
†Pamela Jean Smith, Monroeville  
Victoria Margaret Smith, Englewood  
Marsha Lynn Sowash, Warren

Susan Diane Stegmiller, Columbus  
Fabienne Frey Stout, Fremont  
Brenda Joy Tayler, Galion  
‡Danah Lee Testerman, Lebanon  
Renee Trepanier,  
Middleburg Heights  
Barbara Waggoner Whitford,  
Kettering  
Robin Laurie Wilkes, Lyndhurst  
B.A. (Miami University)  
‡Mary Patrice Williams, Worthington  
Mary Kay Wulf, Alliance  
Deborah Deam Yore, Columbus  
‡Susan Ann Yung, Beachwood  
Jennifer Lynn Zelik, Dayton



Janet Lynn Bashor, Columbus  
 Thomas Joe Bassett, Venedocia  
 Frank Eugene Bateman, Columbus  
 Brenda Lou Bauer, Crestline  
 Sandra Sue Bauer, Crestline  
 Brenda Lynn Beach, Canfield  
 Brenda Sue Beach, Marion  
 Esther Beachy, Plain City  
 Carolyn Smith Beal, Mt. Gilead  
 Brenda Gail Beam, Winchester  
 Cheryl Sue Beary, Mansfield  
 Betsy Anne Beatty, Kettering  
 Beverly Gay Becher, Cuyahoga Falls  
 Gloria Waffan Bemer, Cleveland  
 Constance Jeanne Benedict, Columbus  
 Catherine Vaughan Benner, Marion  
 Judith Shaw Bennett, Columbus  
 Renda Haycook Bennett, Galena  
 Vickie Lynn Bennett, Columbus  
 Jeffrey Neal Berger, University Heights  
 William Douglas Bergman, Columbus  
 Norman John Berls, Columbus B.S.  
 Sharon Kay Berlye, Monticello, N. Y.  
 Nancy Jane Berry, Evanston, Ill.  
 Judith Layer Besenti, Mansfield  
 Walter Paul Betley, Columbus B.S. (University of Maryland)  
 Teresa Forsythe Bettac, Westerville  
 Laurie Biederman, Beachwood  
 Phyllis Hickie Biery, Wintersville  
 Carmen Jenkins Bigus, Shelby  
 Anna Marie Binkley, Ada  
 Jeffrey James Blaga, Cincinnati  
 Doreen Kay Blaha, Chardon  
 Linda Jean Blaha, Cleveland  
 Jan Nichols Blankenburg, Fairview Park  
 Mary Jane Blawut, Adena  
 Barbara Blum, Cleveland  
 James Eugene Blust, Ashland  
 Ronald Lowell Boatright, Wooster  
 Richard Steven Bock, Toledo  
 Cheryl Romigh Boehm, North Benton  
 Susan Lynn Bolton, Fly Creek, N. Y.  
 Gail Smith Bond, Celina  
 Asuman Kurtis Booth, Columbus  
 David Perry Bope, Columbus  
 Marily Ann Borchers, Fort Loramie  
 Donald Borchert, Fairview Park  
 Philip Allison Boucher, Dayton  
 Peggy Ann Bowen, Shreve  
 Karen Marie Bower, Columbus  
 Marcia Metcalf Bowers, Columbus  
 William Albert Bowman, Columbus  
 Sally Watson Boyer, Millersport  
 Connie William Boykin, Columbus

Ruth Ellen Bradfield, East Liverpool  
 Janice Elaine Brammell, Marion  
 Wayne Alan Branfield, Van Wert  
 Cheryl Marlene Breen, Cleveland  
 Rodger Alan Breidenbach, Dayton  
 James Walter Brinkman, Lima  
 Sharon Natoli Brodt, Columbus  
 Wendolyn Lee Bromley, Dayton  
 Karen Jeanette Brooks, Cleveland  
 Linda Kay Brown, Waverly  
 Mary Kemper Brown, West Salem  
 Paul Douglas Brown, Columbus  
 \*Paul Emerson Browning, Columbus  
 Linda Nan Brucker, Beverly Hills, Calif.  
 Susan Kathryn Bruns, Yorkshire  
 Carmen Poinier Buckalew, Columbus  
 Diana Freeland Buell, Columbus  
 Charles Anthony Buenning, Jr., Columbus  
 James Jay Burchfield, Columbus  
 Judy Kay Burgoon, Columbus  
 Joan Lynn Burke, Millersburg  
 Laurie Mandel Buxbaum, University Heights  
 John Michael Byrne, Columbus  
 Mary Evelyn Cain, Patriot  
 Barbara Ann Caldwell, Columbus  
 Jacqueline Roberta Caldwell, Toledo  
 Molly Heilman Calhoun, Columbus  
 Michael Avery Campbell, Galion  
 Mary Elizabeth Canfield, Columbus  
 Constance Celeste Cangialosi, Livingston, N. J.  
 Mary Coons Carey, Richwood  
 Deborah Lowry Caringola, Monroe, N. Y.  
 Debra Kay Carlin, Belleville  
 Tod James Carmony, Wooster  
 Jane Ann Castle, Cincinnati  
 James Dave Cauley, Columbus  
 Barbara Lynn Chabek, Parma  
 Nancy Sue Charlton, Buckeye Lake  
 Kathleen Ann Cheek, Bowling Green  
 Nancy Beth Cherry, Columbus  
 Jean Friend Chiles, Wapakoneta  
 David Emery Chivington, St. Marys  
 Mary Ann Christopher, Houston, Tex.  
 Sophie Mae Belle Clausen, Pleasant Plain  
 Jacquelyn Sue Clawson, Troy  
 Harvey Louis Clayman, Columbus  
 Janice Ann Cleary, Cincinnati  
 Connie Irene Clement, Cridersville  
 Gaynell Speck Cline, Lexington  
 Marilyn Jean Clotz, Amherst  
 Richard Craig Clouse, Gahanna  
 Jane Ellen Cochran, Sunbury

Linda Susan Coffey, Washington C. H.  
 William Eugene Colburn, Columbus  
 Jerry Russell Cole, Swanton  
 David Maxwell Coleman, Louisville  
 Sue Allemang Coleman, Columbus  
 David James Collins, Westerville  
 Martha Anne Combs, Dayton  
 Sharon Joyce Comet, Beachwood  
 Stephen Armie Comunale, Akron  
 Kenneth Alan Conaway, Mansfield  
 Carol Blough Condry, Wooster  
 Cynthia Ann Conley, Euclid  
 William Nolde Conley, Columbus  
 Terrence Mark Converse, Millersport  
 Jahn Marie Cook, Napoleon  
 Kathleen Masck Cook, Cleveland  
 Susan M. Coons, Woodmere, N. Y.  
 Mary Ann Cooper, Maple Heights  
 Phyllis Dale Corenthal, Scarsdale, N. Y.  
 Charlene Mae Craig, Diamond  
 Christina Diane Cramer, Perrysville  
 Sandra Jean Crane, Newark  
 Marilyn Easterling Crawford, Mansfield  
 Richard Darl Crawford, Columbus  
 Dianne Wehinger Creamer, Mansfield  
 Ellen Louise Crocker, Wooster  
 Pamela Marie Crook, Granville  
 Nancy Tedoran Cross, Hollidaysburg, Pa.  
 Darleen Roach Crow, North Olmsted  
 Craig Ashba Curtis, Kenton  
 Daniel Lyn Cutcher, Vermillion  
 Leslie Sharon Dachs, New City, N. Y.  
 Christopher Nickolous Damopoulos, Columbus  
 Valentinas Walter Danapilis, Columbus  
 Patricia Louise Dasher, Riverton, Ill.  
 Clara Kay Daugherty, Coshocton  
 Cynthia Mae Davidson, Lima  
 Nancy Pamela Davies, Marion  
 Cathi Arlene Davis, South Euclid  
 Cinda Kay Davis, Lewistown  
 † Naomilee Finley Davis, Xenia  
 Sally Moore Davis, Columbus  
 Stanley Mark Davis, Columbus  
 Robert Madison Day, Columbus  
 George Edmund Dean, Columbus  
 Judith Lee Dean, Miamisburg  
 Patricia Bollack Dean, Mansfield  
 Karen Mertz Dearbaugh, Columbus

\* Also Bachelor of Science in Agriculture,  
 College of Agriculture and Home Economics  
 † Also Certificate of Graduate Dental Hygienist,  
 College of Dentistry

Pamela Jean DeHays,  
Sulphur Springs  
Gwendolyn Beekman Delabar,  
Whealersburg  
Susan Marie Demjen, Circleville  
Lawrence Franklin Dennis, Marion  
Joanne Carol De Perro, Girard  
Dianne Natalie Desich, Lorain  
Charlene Weekley Devaney, Hilliard  
Sharon Sue DeWees,  
Washington C. H.  
Pamela Beaver D'Huyvetter,  
Columbus  
Frederick Joseph Diamond,  
Syosset, N. Y., B.A.  
Shauna Lael Dickinson, Mt. Victory  
Carol Ann Diedrich, Uniontown  
\*Fred Michael Discenzo, Cleveland  
Margaret Ellen Dixon, Columbus  
Stanley Howard Dixon, Columbus  
Charlotte Joy Dobie, Wapakoneta  
Susan Lee Dodds, Bellefontaine  
Donna Marie Dolciato, Cleveland  
Deborah Kastin Dolgin, Cleveland  
Edward James Domsitz, Trotwood  
Anna Mary Albertson Donaker,  
Warsaw  
Anna Kalenak Doray, Worthington  
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Bruce Edward Smith, Columbus  
Dennis Arland Smith, Ashville  
Glenn Kirk Smith, Jr., Powell  
B.S.  
Janette Ellen Smith,  
Colorado Springs, Colo.  
Linda Smock Smith, New Lexington  
Margaret Ellen Smith, Columbus  
Margaret Lynn Smith, Kenton  
Sharon Frances Smith, Westville  
Jo Ann Hedding Snedegar, Columbus  
Marla Vogelaa Snider,  
Fairview Park

Jan Hume Snyder, London  
Corey Michael Soldano,  
North Olmsted  
Roger Ralph Solt, Columbus  
Bernadine Ann Soltis, Toledo  
Judith Ann Sonntag, Columbus  
Tonia Alexander Souder, Columbus  
John William Sowry, Dorset  
\*Spiros George Spantithos, Columbus  
Paula Ann Spar, Ada  
Stephen Alan Speece, Berlin Center  
Nancy Spletzer, Bryan  
Phyllis Wentz Spohn, Glenford  
Mary Jane Spooner, Cincinnati  
Brenda Joyce Springer, Plymouth  
Frances Ann Sprouse, Gahanna  
Linda Feasel Spurgeon, New Albany  
Nancy Heck Staley, Columbus  
Kathy Joy Stamer, Cleveland  
Wanda Kay Stamps, Columbus  
Julie Ann Stark, Crestline  
Alan Gary Starkoff, Pepper Pike  
Teri Danaceau Starkoff,  
Shaker Heights  
Carolyn Lavell Starnes, Mansfield  
Diane Susan Stein, West Orange, N. J.  
Karen Sue Steinbrook, Columbus  
Traci Katherine Steinebrey, Mansfield  
Deborah Jean Steinecker, St. Marys  
Robert Walter Stephens, Cleveland  
Sheryl Lynn Stephens, Dayton  
Lee Marr Sternberg, Akron  
Geneva Brewer Stewart, Columbus  
Janet Anne Stires, Maumee  
Susan Anne Stires, Canton  
Marcelyn Irene Stobbs, Dillonvale  
Wendy Lee Stoltz, University Heights  
Deborah Lee Stone, South Euclid  
Robert Warren Stone, Beachwood  
Shirley Ross Stormann, Lima  
Connie Lee Strawser, Columbus  
Phillip Samuel Strickland, Cincinnati  
Lewis Strobel, Jr., Worthington  
B.S.Agr.  
Katherine Wenger Stutz, Columbus  
Joyce Alayne Sullivan,  
South Charleston  
Michele Lee Sullivan, Maumee  
Edrea Holly Sumers, South Euclid  
Mary Lois Swoboda, Columbus  
Wendy Lynn Syrklin,  
Woodbridge, Conn.  
Daniel Mark Szente, North Ridgeville  
Linda Susan Tamburrelli,  
Huntington, N. Y.

\* Also Bachelor of Arts,  
Colleges of the Arts and Sciences

Katherine Pfeiffer Tatman, Columbus  
 Robert Taylor, Parma  
 Carl Edward Teagardner, Jr., Columbus  
 Sandra Lee Teeter, Rome, Ga.  
 Linda Sue Teeter, Marion  
 James Albert Tesno, Dayton  
 William Anthony Testa, Kent  
 †Danah Lee Testerman, Lebanon  
 Andrew Steven Thalf, Columbus  
 Michael Edward Thaman, Lima  
 Antoinette Mary Thomas, Lorain  
 Kathryn Pauline Thomas, Columbus  
 Thomas Michael Thomas, Clayton  
 Barbara Jo Thompson, Parma  
 Gail Lynn Thompson, Columbus  
 Pamela Cutter Thompson, Columbus  
 Margaret Ann Thoms, Vermilion  
 Ilona Ann Timko, Hubbard  
 Lee Timmerman, Maumee  
 Sharon Moyer Tipton, Mt. Vernon  
 David Lee Todd, Columbus  
 Terry Edward Todd, Cincinnati  
 Sandra Lee Tosca, Ashville  
 Leslie Friend Treleaven, Amherst  
 Thomas Lloyd Treleaven, Medina  
 Mary Elizabeth Trovato, Columbus  
 Terri Ann Trowbridge, Columbus  
 Gregory Steve Trutza, Seven Hills  
 Linda Kay Tucker, Belpre  
 Nancy Carol Tullis, South Vienna  
 Pauline Ann Tully, Cuyahoga Falls  
 Laurence Arnold Turbow, University Heights  
 James William Turner, Columbus  
 Tanya McCormish Turner, Columbus  
 Pamela Sue Turney, Nevada  
 Judith Rosebrook Tuttle, Lakeview  
 Judy Tedrick Tweedy, Columbus  
 Thomas Gerard Typrowicz, Columbus  
 Sue Uhrig, Springfield  
 Roberta Uscher, Westbury, N. Y.  
 Milan Vecanski, Harrisburg, Pa.  
 Sharon Isabel Vermillion, Newark  
 Dorothy Muskoff Villard, Columbus  
 Nancy Cooke Vincent, Columbus  
 Linda Sue Vinocur, Beachwood  
 Norma Feathers Violet, Delphos  
 Kenneth Edward Vlasak, Seven Hills  
 Nancy Jeanne Vogler, South Euclid  
 Dorothy Edna Vonder Embse, Kalida  
 Susan Woodie VonGruenigen, Columbus  
 Patricia Louise Waddell, Cleveland  
 Lynne Shover Wake, Columbus  
 Stephen Edward Walker, West Chester  
 Ann Elizabeth Wallace, Norwalk  
 Debra Sue Wallick, Columbus

Mary Ann Walter, Westerville  
 Joseph Lee Walters, Felicity  
 Vickie Rackliff Walters, Felicity  
 Holly Anne Wambach, Cincinnati  
 Melvin LeRoy Ward, Mansfield  
 Jane Ann Warner, Akron  
 Noreen Lynn Warnock, Lima  
 Barbara Jean Waters, St. Clairsville  
 David Rush Watkins, Rushsylvania  
 Dianne Boehm Weaver, Columbus  
 William Clifford Weeks, III, Columbus  
 Shirley Margaret Weinberg, Martins Ferry  
 Anne Florence Weinheimer, Columbus  
 Wendy Jane Weinstein, Great Neck, N. Y.  
 Mary Ellen Weiss, Hamilton  
 Melissa Lauri Weiss, Wooster  
 Martha Lewis Welch, Berwyn, Pa.  
 Beth Ann Wells, Utica  
 Katharine Marie Wells, Kenton  
 Howard Emmett Welt, Jr., Ogdensburg, N. Y.  
 B.A.  
 Karen Jane Werner, Cincinnati  
 Norma Gunning West, Lima  
 Douglas Alan Wetzel, Greenville  
 Kathryn Arlene Wharton, Blacklick  
 Lowell Dean Whitaker, Coshocton  
 Mary Frances Whitaker, London  
 Evelyn Elinor White, Columbus  
 Patricia Ann White, Columbus  
 Francine Beth Whitman, Beachwood  
 Dorothy Shambarger Widman, Columbus  
 Vicki Lynn Wieder, Cleveland  
 Susie Ungerer Wiegand, Mansfield  
 George Douglas Wilcox, Willard  
 Karen Blair Wiles, Columbus  
 Joyce Renee Wilkin, Bellville  
 Casandra Edna Williams, Dennison  
 Cynthia Jean Williams, Mansfield  
 Joann Ruth Lanker Williams, Lexington  
 Lora Lee Williams, Toledo  
 Margaret Jane Williams, Wilmington  
 †Mary Patrice Williams, Worthington  
 Regina Ann Willis, Cleveland  
 Diane Sue Wilson, Findlay  
 Holland Scott Wilson, Lima  
 Joyce Kanable Wilson, Bucyrus  
 Stephen Mark Wilson, Dayton  
 Kaleen Pisel Wineinger, Lima  
 Diana Lynn Wintrow, Casstown  
 Frances Woideck, Breckstown  
 Sherrie Joyce Wolf, Cleveland Heights

Alfonzo Allen Newton Woodford, Columbus  
 Sandra Kay Woodruff, Albany  
 Martha Kaschube Woods, New Albany  
 Sharon Vance Woodward, Columbus  
 George Worthley, III, Columbus  
 John Richard Wulforth, Delphos  
 Elizabeth Link Wurm, Westerville  
 Thomas Eugene Wyllie, Columbus  
 Nan McCombs Yeoman, Columbus  
 Yvonne Rae Yerak, Willoughby  
 Wallace Wendell Yost, Mt. Pleasant  
 Patricia Ann Young, Ashland  
 Patricia Little Young, Columbus  
 Vivian Stark Young, East Lansing, Mich.  
 Joan Benham Yount, Pleasant Hill  
 Holly Yulish, Cleveland  
 †Susan Ann Yung, Beachwood  
 Maxine Lee Zackheim, Buffalo, N. Y.  
 Stephen Edward Zarlengo, Wooster  
 Patricia Zartman, Columbus  
 Connie Marie Zehner, Loudonville  
 Larry Douglas Zimmerman, Christiansburg  
 Rosemarie Zouhary, Toledo  
 Linda Susan Zurakowski, Apple Creek  
 David Joseph Zwiebel, Wapakoneta

# **Bachelor of Art Education Offered jointly by the College of The Arts and the College of Education**

Twenty-seven candidates

°Dannie Pembroke Adkins, Kettlersville  
 Mariann Darling Ballenger, Westerville  
 Drema Ann Campbell, Cleveland  
 Douglas Richard Carpenter, Novelty B.F.A.  
 Carolyn Joy Cohen, New York, N. Y.  
 Renee Lynn Crystal, South Euclid  
 Gail Beth Dym, Sands Point, N. Y.  
 Catherine Jane Ford, Worthington  
 Elaine House Gilbert, Dayton  
 Laura Ann Hirsch, Cincinnati  
 Joel Robert Hurst, Columbus B.F.A. (Miami University)  
 Susan Barbra Katz, Fremont  
 Karen Ann Killian, Arlington Heights, Ill.

† Also Certificate of Graduate Dental Hygienist,  
 College of Dentistry  
 \* Also Bachelor of Fine Arts,  
 College of the Arts and Sciences

## College of Engineering

Dean: Harold A. Bolz

Bonnie Anne Kubasta, Cleveland  
Michael Lawrence Levin, Dayton  
Lynn Dee Lybeck, Bellville  
Louis Joseph Mavrich, Euclid  
Judy Harvey Pearson, Rushsylvania  
Cynthia Rose Raffo, Cincinnati  
Rita Davis Rosenbaum, Columbus  
Nancy Dianne Sheldon,  
Orchard Lake, Mich.  
Susan Olt Shumaker, Columbus  
Stanley Phillip Snouffer,  
Worthington, B.F.A.  
Okey Jennings Tolley, Jr., Columbus  
Margo Kay Vajen, Napoleon  
Mary Elizabeth Weiler, Polk  
Thomas Allen Wyroba, Miami, Fla.

### **Bachelor of Music Education Offered jointly by the College of The Arts and the College of Education**

Thirty candidates

Thomas Arthur Allen, Cambridge  
Roger Glenn Bemis, Lorain  
Cynthia Lee Blouch, Rocky River  
Linda Dianne Bowman, Columbus  
Robert Alan Cochran, Van Wert  
Thomas Harold Cook, Lima  
David William Curtiss, Columbus  
\*John Jay Evans, Elida  
Beverly Alice Flagg, North Olmsted  
Ellen Louise Ford, Washington C.H.  
James Allen Frazier, Columbus  
Floyd Ray Hendricks, Wintersville  
Catherine Louise Henson, Columbus  
Dennis Richard Herner, Bellevue  
Sarah Elizabeth Hockman,  
Canal Winchester  
David Eugene Howard,  
North Olmsted  
Patricia Carol Jagullí, Youngstown  
Jeffrey Charles Keller, Prospect  
Vickie Lynn Nau, Columbus  
Josephine Ann Popolillo, Ward, Pa.  
Susan Yvonne Prince, Columbus  
Thomas Dwight Richards, Springfield  
Leslie Ann Sandrew, Lorain  
Brian Keith Saunders, Parma  
Sallie Loretta Teacher, Cleveland  
Maureen Kennedy Terry, Columbus  
Rebecca Ann Tryon,  
North Lawrence  
Carol Ann Williams, Holden, W. Va.  
Marian Melissa Williams, Waverly  
David Eugene Wolford, Clayton

### **Bachelor of Aeronautical and Astronautical Engineering**

Two candidates

John Everett Barrett, Columbus  
Randall Peck Stotts, Waynesfield

### **Bachelor of Science in Aeronautical and Astronautical Engineering**

Thirty-two candidates

Paul Woodland Alexander, Columbus  
Neil William Anderson,  
Midland, Mich.  
Robert Edward Anderson, Chillicothe  
Steven Craig Boehmer, Columbus  
Raymond Walter Brow, Jr., Euclid  
Creighton Thomas Bulea, Amherst  
William Loren Cantor, Columbus  
\*\*Randy Wayne Dipner, Worthington  
William Roger Donberg, Avon  
Richard Lynn Edinger, Bluffton  
Steven Lee Ellis, Willowick  
David Paul Endres, Columbus  
Peggy Lou Evanich, Minerva  
Royce Shed Few, Dayton  
Jeffrey S. Finton, Findlay  
Edward Lynn Grau, Sunbury  
Randall John Harabin, Independence  
John Frederick Hermack, Emerson  
Felix Manuel Huertas, Columbus  
Charles Theodore Kitzmiller,  
Columbus  
Timothy K. Layman,  
Altamonte Springs, Fla.  
Randolph Eric Maier, Columbus  
Thomas William Marquart, Sandusky  
Richard Thomas Morrison, Columbus  
Steven Michael Page, Columbus  
Larry James Reed, Barnesville  
John Hamilton Richardson, Lisbon  
Dale Michael Swiatek,  
Garfield Heights  
George Edward Theobald, Cincinnati  
Joseph John Wagner, Columbus  
Henry Wolowicz, Perth Amboy, N. J.  
Robert Alan Woodward, Howard

### **Bachelor of Science in Agricultural Engineering**

Two candidates

Donald Wayne Demorest, Waldo  
James Perry Surber, Hillsboro

### **Bachelor of Ceramic Engineering**

Three candidates

Steven Dean Clapham, Worthington  
Adam Gray Holterhoff, Jr.,  
Cincinnati  
James Virgil Shivers, Columbus

### **Bachelor of Science in Ceramic Engineering**

Five candidates

Ren Lewis Babcock, Columbus  
Joseph Michael Baranski,  
Cedar Knolls, N. J.  
Charles Gerald Bigler, Columbus  
Robert Alan Jaynes, Dundee, Ill.  
Rodney Lee Ward, Columbus

### **Bachelor of Chemical Engineering**

Nine candidates

Jerome Frederic Beekman, Columbus  
Thomas P. Cribbs, III, Apollo, Pa.  
Aaron Leroy Goodman, Wapakoneta  
Gary Ernest Hoam, Mt. Gilead  
Gary Lee Lukat, Euclid  
John Robert Raabe, Delphos  
Thomas Joseph Rusnak, Parma  
Dennis Dunbar Terry, Nashua, N. H.  
John Adam Thomas, Diamond

### **Bachelor of Science in Chemical Engineering**

Twenty candidates

Mark Edward Buffington, Findlay  
Lawrence Gerard Carns, Strongsville  
Harold Nicholas Conkle, Columbus  
Gustavo Adolfo Correa,  
Medellin, Colombia  
Richard Andrew Cree, Rocky River  
Charles Bernard Ernst, Fort Loramie  
James David Fleshman,  
Salisbury, Rhodesia  
Donald Jay Goldhardt, Grove City  
Philip Thomas Hines, Jr.,  
Broadview Heights  
Howard James Johnson, Shadyside  
William Eric Johnson, Dayton

\* Also Bachelor of Music,  
Colleges of the Arts and Sciences

\*\* Also Bachelor of Science in Computer and  
Information Science, College of Engineering



Edwin Pope Kawasaki, II,  
Broadview Heights  
Edward Keith King, Columbus  
William Charles Leopold,  
Franklin Lakes, N. J.  
Hubert Merle Litt, Mt. Vernon  
David Glenn McCluskey, Scio  
Michael Allen Neibler, Columbus  
Linda Marie Orth, North Canton  
James Paul Russell, Columbus  
Joe Dale Wornstaff, Columbus

#### **Bachelor of Civil Engineering**

Three candidates

Bruce Alan Claugus, Barnesville  
Roger Wayne Ketcham, Lima  
\*Richard Steven Sacks, Columbus

#### **Bachelor of Science in Civil Engineering**

Thirty-six candidates

Tomas Arturo Aguilera, Dayton  
Joel Wonderley Allen, Columbus  
Ronald Lee Ames, Sycamore  
Mitchell Wade Becker,  
Rutherford, N. J.  
Richard Clark Bryant, Columbus  
Gary Duane Daugherty, Wooster  
Mark Ledden Eisenman, Dennison  
James Lewis Henry, Columbus  
Charles Theodore Koerner, Columbus  
Marc Robert Kritzer,  
University Heights  
Edward Earl Litt, Fredericktown  
Michael Stephen Luther, Columbus  
Thomas Alan Lyon, Ravenna  
Michael Peter Makuley, Columbus  
Mark Jay Maxwell, Brunswick  
James Edward McQuirt,  
Mechanicsburg  
Kenneth John Meyer, Fort Jennings  
James Richard Murphy, II, Wooster  
Gary Joseph Nettler, Columbus  
Edward Charles Perara,  
Livingston, N. J.  
Farhad Pezeshkan, Columbus  
David Charles Phillips, Greenfield  
Lee Allen Pierce, Columbus  
Richard Alan Renneker, Hamilton  
Dennis Eugene Royer, Massillon  
Ronald Dean Ryan, Martinsburg  
David Dean Schuetz, Parma

Stephen Jeffrey Semple, Columbus  
David Lee Stevenson, Mansfield  
John Andrew Strok, Bedford  
Jeffrey Paul Toussant, Alliance  
Richard Douglas Weikel,  
North Canton  
Stephen Jeffrey Welk,  
Grand Island, Neb.  
James Charles Widman, Norwalk  
Frederick Gilbert Wiegand,  
Mansfield  
Robert Calvert Yoxthimer, Columbus

#### **Bachelor of Science in Computer and Information Science**

Nineteen candidates

Dennis Patrick Bergfeld, Lima  
Bernard Sheldon Charnas,  
Mayfield Heights  
Eddie Kai Fuen Chin, Columbus  
B.S. (University of Illinois)  
\*\*Randy Wayne Dipner, Worthington  
Ray Thomas Dove, Akron  
Danny Joseph Gibbs, Circleville  
Samuel Dee Hunsaker, Lima  
\*\*\*Forest Robert Jacobs,  
Louisville, Ky.  
Robert Alan Jacobs, Shaker Heights  
Chi Fung Lam, Hong Kong  
John Bobb McDowell, Akron  
Fred Steven Mushkat, Columbus  
Susan Lee Pansing, Kettering  
James Eric Petticrew, New Carlisle  
Joseph Howard Shearer, Tipp City  
William Clyde Stockum, Coshocton  
Charles Dewey Tabor, III, Jackson  
John Lawrence Thomas, Columbus  
Anton William Uselis,  
Mayfield Heights

#### **Bachelor of Electrical Engineering**

Thirteen candidates

\*Charles David Becher,  
Louisville, Ky.  
\*Benjamin Wilson Berry,  
Millville, N. J.  
Amin Farid Bishara, Columbus  
Richard Gale Herd, Plain City  
\*Roger Ellis Kuseski, Columbus  
Sam Shu Fu Law, Toledo  
\*Doane Wing Lee, Columbus

David Edward Orin, McDermott  
\*Mark Alan Robb, Hinckley  
\*David Leslie Sampson, Columbus  
James Stanley Sneary, Columbus  
Homer Stephen Taylor, Columbus  
Scott Alan Wilkins, Sandusky

#### **Bachelor of Science in Electrical Engineering**

Twenty-eight candidates

Robert Thomas Abt, Doylestown  
Stephen Dennis Arling, Bellbrook  
James Howard Batey, Westerville  
Mark William Bendig, Shaker Heights  
Dale Hilliard Brown, Columbus  
Bruce Frederick Carlton,  
North Olmsted  
Robert Michael Cram, Cuyahoga Falls  
Gregory John Cyran, Lorain  
William Lee DeMars, Toledo  
Robert Raabe Dickson, Columbus  
Richard August Eskuchen,  
Maple Shade, N. J.  
Ronald A. Gasser, Rittman  
William Henry Hitchcock,  
Columbia Station  
John Joseph Houston, Columbus  
Kenneth Alan Javor, Lorain  
Randall Eugene Karl, Crestline  
Alden Bayard Oakes, II, Columbus  
Donald E. Ortman, Thornville  
Thomas Johnson Page, Jr., Groveport  
Eugene Reeves Salby, II, Columbus  
James Lawrence Sanford, Cincinnati  
David Carl Shultheis, Columbus  
Gregory Stepp, Twinsburg  
Douglas Fox Tomlinson, Columbus  
William Raymond Twardy, Columbus  
Vandai Vo, Danang, South Viet Nam  
Charles Allen Waugh, Columbus  
Gary Lee Werner, Westerville

#### **Bachelor of Science in Engineering Physics**

Six candidates

John Michael Burke, Portsmouth  
Joyce Elizabeth Camping, Dayton  
James Russell Crabtree, Pataskala

\* Also Master of Science, Graduate School  
\*\* Also Bachelor of Science in Aeronautical and  
Astronautical Engineering;  
College of Engineering  
\*\*\* Also Bachelor of Science in Industrial  
Engineering; College of Engineering

David Joseph Malicki,  
McMechen, W. Va.  
James John Russell, Toledo  
Ihor George Zubal, Lorain

#### **Bachelor of Science in Industrial Engineering**

Twenty candidates

Daniel Joseph Bagi, Trotwood  
Richard John Bevington, Sandusky  
Bruce Eldon Bogart, Westerville  
Larry Charles Butterbaugh, Fairborn  
Lewis Wyatt Franklin, Cincinnati  
John Timothy Goode, Mansfield  
David Louis Groeber, Mechanicsburg  
\*\*\*Forest Robert Jacobs,  
Louisville, Ky.  
Sandor Kadish, Shaker Heights  
Mark Frederick Keller, Newark  
Victor Edwin Kratzer, Kettering  
James Mitchell Levine,  
University Heights  
Richard Donald Mager, Shadyside  
John Skelding McGara, Toledo  
Paul Brian McMahan, LaRue  
Randy Paul Oates, Columbus  
James Ronald Penrod, Columbus  
Jeffrey Curtis Pollard, Columbus  
Jeffrey Philip Powell, Portland, N. Y.  
Henry George Stein, Cleveland

#### **Mechanical Engineer**

Two candidates

Ludwig Robert Glad, Reynoldsburg  
B.S.E.E. (University of Pittsburgh)  
Ralph Harold Hollenbacher, Sidney  
B.S.M.E.

#### **Bachelor of Mechanical Engineering**

Four candidates

Thomas David Archer, Columbus  
George Lewis Diggles, Canfield  
Timothy Joseph Marker, Lima  
Thomas Nelson Treue, Dayton

#### **Bachelor of Science in Mechanical Engineering**

Forty candidates

Roger Carl Ansted, Elmore  
Charles Michael Bayles, Galion  
Douglas Alan Bogart, Wapakoneta  
David Lawrence Boger, Akron  
Denny Lloyd Carroll, Elyria  
Terry Lee Cox, Kettering  
Kem Allen Deetz, Berea  
Darrell Anthony Emerick, Lorain  
James David Fisher, Columbus  
James Loren Fogg, Newark  
Richard Louis Hall, Springfield  
Mark Alling Hathaway,  
Sarasota, Fla.  
Robert Earl Hawley, Columbus  
Howard Hartley Horne, Cincinnati  
Mark Walter Hunter,  
Scottsdale, Ariz.  
Peter Marvin James, Warren  
Dan Russell Jarvis, Wellston  
David Leo King, Columbus  
Edward Eugene McCauley, Jr.,  
Columbus  
David Martin McKinnon, Bucyrus  
David Bruce Meredith,  
New Philadelphia  
Tommy Lee Miller, Cheshire  
Paul Ross Mingler, Columbus  
David Norris Mullenix, Grove City  
LeGrande David Myers, Zanesville  
Frank David Pallak, New City, N. Y.  
Joseph Albert Poeppelman, Yorkshire  
Phillip Wayne Rambo, New Lexington  
Rex Roberts, Mentor  
Vernon Joseph Sanborn, III, Mentor  
Lawrence Otto Schnipke, Delaware  
Robert Kurt Schwartz, Columbus  
Dale Leslie Smith, Latham  
Keith Layton Smith, Jr., Mentor  
Robert Dale Smith, Columbus  
Glen Edward Sweeney, Kettering  
James Jay Tangenberg,  
Cuyahoga Falls  
Gary Wayne Uhl, Columbus  
John David Waddell, Miamisburg  
Bernard Thomas Zuk, Columbus

#### **Bachelor of Metallurgical Engineering**

Eight candidates

Nguyen Ngoc Bich,  
Saigon, South Viet Nam  
Richard Russell Daniel, Bradford

Le Khac Hien,  
Saigon, South Viet Nam  
Charles Michael Hofmann, Jr., Akron  
John Louis Michael, Columbus  
James Arthur Moore, Jr., Columbus  
Charles Raymond Morin, Jr.,  
Columbus  
Donald Ray Stickle, Columbus

#### **Bachelor of Science in Metallurgical Engineering**

Eight candidates

Thomas Jeffrey Croyle, Amherst  
Thomas Riley Heflin, Bedford Heights  
Stephen Douglas Joosten, Dayton  
Eugene Leo Liening, Yorkshire  
Ralph Everett Showman,  
Liberty Center  
Richard William Treharne, Xenia  
Paul Joseph Walsh, Willowick  
Gerald Robert Watson, Miamisburg

#### **Bachelor of Welding Engineering**

Four candidates

Philip Doyle Flenner, Columbus  
John McDanell Sanders, Cincinnati  
Kenneth Barry Thompson, Columbus  
\*Michael James Tomsic, Lockbourne

#### **Bachelor of Science in Welding Engineering**

Two candidates

Michael Lee Killian, Hicksville  
Donald Lee Lynn, Columbus

#### **School of Architecture**

#### **Bachelor of Architecture**

Sixteen candidates

James Eric Calhoun, Columbus  
George Douglas Feltham, Columbus  
Melvin Dale Felty, Columbus  
Arden Errol Freeman, Newark

\* Also Master of Science, Graduate School  
\*\*\* Also Bachelor of Science in Computer and  
Information Science, College of Engineering

Don Edwin Gillmore, Columbus  
 Claude Nelson Heacox, Newark  
 John Franklyn Hedge, Jr.,  
 Worthington  
 Michael George Henning, Columbus  
 Thomas Barry Jester, Columbus  
 Michael Evan Jones, Columbus  
 Charles Louis Krzysiak, Barberton  
 Wesley Eugene Law, Delaware  
 Larry Stanley Robinson, Columbus  
 Bradley William Schiffer,  
 Allentown, Pa.  
 Bert Rene Urfer, Weehawken, N. J.  
 John Clifton Urton, Harrisburg

#### **Bachelor of Science in Architecture**

Sixty candidates

Charles Banesi, Cleveland  
 Joseph Arnold Barany, Jr.,  
 Portsmouth  
 Edward Bayer, Seven Hills  
 Rodney Lewis Beehner, Mansfield  
 Mary Catherine Betley, Columbus  
 Richard John Bilesimo, Manor, Pa.  
 Howard Gene Birnberg,  
 Yonkers, N. Y.  
 Kenneth Thorpe Bowen, Columbus  
 Gregory Kenneth Brewer,  
 Mountain Lake, N. J.  
 William Michael Brown, Columbus  
 Gordon Lynn Brubaker, Pitsburg  
 Grace Taylor Crews, St. Louis, Mo.  
 William Bruce Curtis, Xenia  
 Robert Charles Cushman, Columbus  
 Kevin Patrick Dougherty, Columbus  
 James Preston Egnew, Columbus  
 Kirk Henry Elder, Columbus  
 John Craig Farber, Columbus  
 Raymond Frederick Fenton,  
 Columbus  
 Claude Pierre Gentilhomme,  
 Wellesley, Mass.  
 Sheldon Robert Goldstine, Cleveland  
 Thomas Willard Guinther, Bucyrus  
 Lee Fairfax Harvey, Shaker Heights  
 Thomas Raymond Hauck, Toledo  
 John Fredrick Haupt, Aston, Pa.  
 John Harold Heger, Toledo  
 Steven Don Heintz, Sidney  
 Gary Paul Hensler, Columbus  
 Larry Allen Hill, Columbus  
 James Eugene Hiss, Sandusky  
 Stephen Harold Hucek, Columbus  
 Gail Thomas Ignat, Perry  
 Evalyn Jane Johnson, Greenville

Michael Charles Kerner,  
 Westbury, N. Y.  
 Steven Craig Kline, Merrick, N. Y.  
 Stephen Lawrence Knowles,  
 Columbus  
 Harry Yair Koshet, Lorain  
 Don Michael Krause, Columbus  
 B.S. (Mount Union College)  
 Julsing James Lamsam,  
 Bangkok, Thailand  
 Philemon Stout Lewis, Cleveland  
 William Thomas Lewis,  
 Garfield Heights  
 A.B. (Columbia University)  
 Gary Alan Loar, Columbus  
 Michael Gary Lustig,  
 Syracuse, N. Y.  
 Judson Jay McIntire, Columbus  
 Donald Carl Milechman,  
 Pittsburgh, Pa.  
 Theodore A. Mondzelewski,  
 Folcroft, Pa.  
 David Kay Monson, Radnor  
 Donald Lee Ritenour, Jamestown  
 Steven Paul Roberts, Columbus  
 James Harry Schirtzinger, Columbus  
 Donald Edward Schrade, Galloway  
 Rick Alan Share, Columbus  
 Joel Jay Snyder, Columbus  
 Thomas John Spugnardi,  
 Lewiston, Me.  
 Eugene Mark Teringo, Warren  
 John Anton Uhler,  
 Broadview Heights  
 Frank James Verni,  
 Springfield, N. Y.  
 Edwin Darrell Wagers, Columbus  
 Robert Paul Yasher, Columbus  
 Jeffrey Louis Zucker, Snyder, N. Y.

Albert Henry Parker, Chagrin Falls  
 Frederick Edward Townsend,  
 Columbus  
 Richard Lee Wills, Orient  
 Harold Richard Wovries, Tipp City  
 B.S.Agr.

#### **Bachelor of Landscape Architecture**

One candidate

Malcolm Douglas Cairns, Loveland

#### **Bachelor of Science in Landscape Architecture**

Nine candidates

David Edward Bassett, Lima  
 William Lee Behnke, Willoughby  
 Timothy Peter Brugeman, Columbus  
 Craig Edward Cawrse, Solon  
 Jeffrey Wayne Linkinhoker,  
 Springfield

## College of Law

Dean: James C. Kirby, Jr.

### Juris Doctor

One hundred and fifty-three candidates

Allen Valloyd Adair, Mansfield  
A.B. (Brown University)

Jeffrey Ross Allen, Portsmouth  
B.A. (Ohio Wesleyan University)

Hugh Russell Anderson, Rocky River  
A.B. (Duke University)

Marcell Rose Anthony, Columbus  
A.B. (Ohio Dominican College)

Robert Paisley Armour, Toronto  
B.S.Agr.

Gregory Lawrence Ayers,  
St. Albans, W. Va.  
B.A. (Morris Harvey College)

John Richard Baird, Columbus  
B.A.

Charles Richard Barcus, Alliance  
B.S.Bus.Adm.

Suzan Barnes, Zanesville  
A.B. (Vassar College)

Charles Herbert Bean, Sardis  
A.B. (Ohio University)

John Parrish Beavers, Worthington  
B.A.

Linden Joe Beck, Vanlue  
B.A.

Michael Leo Bedell, Stow  
A.B. (John Carroll University)

John Jeffrey Bogniard, Ashland  
B.A. (Allegheny College)

Thomas Edward Boyle, Columbus  
B.S.Ed.

James Marion Broadstone, Dayton  
B.A.

Charles Leslie Burd, Chesapeake  
B.A.

Bruce Harper Cameron,  
Washington, D. C.  
B.A. (University of Maryland)

David Allen Cantlon, Columbus  
B.B.A. (University of Notre Dame)

Clair Myron Carlin, Youngstown  
B.S.Bus.Adm.

Larry Gray Cecil, Caldwell  
B.A.

Thomas Michael Christian, Lancaster  
A.B. (Ohio University)

David Michael Cohen, Canton  
B.S.Bus.Adm.

James Reynolds Cooper, Newark  
B.B.A. (University of Notre Dame)

John Frederick Copes, Springfield  
B.A. (Wittenberg University)

Gary James Crews, Pontiac, Mich.  
B.S. in Ed. (University of Michigan) ;  
M.B.A. (Xavier University)

Gary Lee Crosby, Van Wert  
B.M.E. (General Motors Institute)

John Bartlett Crosby, Cincinnati  
A.B. (Washington University)

King Kersten Culp, Galion  
B.A.

Alexander Brower Curchin, III,  
Mansfield  
B.A. (Denison University)

David Alan Dachner, Columbus  
B.A.

Bernard Robert Davis, Mansfield  
B.S. in Bus. (Miami University)

Craig Denmead, Columbus  
B.S.Bus.Adm.

John Philip Dewey, Clyde  
B.A. (Muskingum College)

Glenn George Durmann,  
Farmingdale, N. Y.  
B.A. (Wittenberg University)

Joseph Lawrence Emmrich, Cincinnati  
B.A. (University of Dayton)

Charlotte Coleman Eufinger,  
Milford Center  
B.A. (Miami University)

John Marshall Eufinger, Worthington  
B.A. (Ohio Wesleyan University)

Dafydd William Evans, Jr.,  
Cleveland Heights  
A.B. (Hillsdale College)

Richard Craig Farrin, Lakewood  
B.A. (Miami University)

Robert Michael Fertel,  
Shaker Heights  
B.A.

Lee Myron Finkel, Chicago, Ill.  
B.S. (University of Illinois)

Paul Andrew Folfas,  
Wheeling, W. Va.  
A.B. (West Virginia University)

Jeffrey Tice Folkerth, Columbus  
B.A.

Michael Monroe Freda, Columbus  
B.S.Bus.Adm.

William Kagay Friend, Columbus  
B.B.A. (Ohio University)

Bernard Michael Frye, Hamilton  
B.S. in Aero Space E. (University of Cincinnati)

James Lawrence Fullin, Columbus  
B.A. (University of Notre Dame)

David Alan Gowdown, Brookville  
B.B.A. (Ohio University)

Thomas Henry Grace, Steubenville  
B.S. in Econ. (John Carroll University)

David Allen Gradwohl, Columbus  
B.A. (Muskingum College)

Michael Lewis Griffith, New Concord  
B.S.

Jeffrey Allan Halm, Sandusky  
B.A. (Denison University)

James Robert Hand, Newark  
B.A.

Michael Henry Haney, Xenia  
B.S.Pharm.

Lee Bolon Harris, Chicago, Ill.  
B.S. (University of Illinois)

Michael William Hartshorn,  
Lancaster  
B.S. (Xavier University)

David Everett Hathaway, Cincinnati  
B.S. in Bus. (Miami University)

Diane Duty Hathaway, Portsmouth  
B.S.Ed.

Margaret Sabina Henry, Columbus  
B.A.

James Michael Highsmith,  
Mt. Carmel, Ill.  
B.B.A. (Ohio University)

Raymond Edwin Hofmeister,  
Hicksville  
B.A. (Miami University)

James Edward Holland, Bay Village  
B.B.A. (Ohio University)

Robert Joseph Hopperton, Berea  
B.A. (Baldwin-Wallace College) ;  
M.B.A. (University of Toledo)

James Edward Hughes, Columbus  
A.B. (Harvard University)

William Edward Hunt, Cincinnati  
A.B. (Indiana University)

Jane Ellen Irving, Millersburg  
B.S. in Bus. Adm. (Bowling Green State University)

Douglas Steven Jauert, Wapakoneta  
B.A.

James Jay Johnson, Dearborn, Mich.  
B.A. (Michigan State University)

James Raymond Kapel, Akron  
B.A.

William Hill Keating, Columbus  
B.A.

Stephen Warren King, Piqua  
A.B. (University of Cincinnati)

William Lawrence Kovacs,  
Bethlehem, Pa.  
B.S. (University of Scranton)

Joseph Paul Kulik, Jr., Parma  
B.S. in Eng. (Purdue University)

Robert Alan Kumin, Shaker Heights  
B.S.Bus.Adm.

Thomas Harry Lagos, Springfield  
B.A. (Wittenberg University)

George David Laur, New Haven, Ind.  
B.A.

William Sheldon Lazarow, Akron  
B.A. (Northwestern University)

Scott Milburn Lewis, Delaware  
B.A. (University of Virginia)

Robert Lee Lilley, Euclid  
B.F.A. (Ohio University)

John Thomas Lloyd, Piqua  
B.S.Agr.

Lawrence Robert Loeb,  
Cleveland Heights  
A.B. (Western Reserve University)

David Ellison Long, Dayton  
B.A.

Walker Bruce Lowman, Columbus  
B.Arch.

John Jeffrey Luce, Ashtabula  
B.A. (Kent State University)

Michael Patrick Mahoney, Columbus  
B.S.Bus.Adm.

Kingston Edward Malley, Galion  
B.S. (Carnegie-Mellon University)

Angelo Marino, Paterson, N. J.  
B.S. (Bethany College)

Daniel Charles McCarthy, Lancaster  
B.B.A. (Ohio University)

James William McCarthy, Ironton  
B.S.Bus.Adm.

Roger John McClure, Columbus  
B.A.; M.A. (Northwestern  
University)

Leon Marshall McCorkle, Jr., Waldo  
A.B. (Harvard College)

Craig Alan McIntyre, Columbus  
B.S.Bus.Adm.

George August Meier, III,  
Wantagh, N. Y.  
A.B. (Colgate University)

Robert Edward Messham, Jr., Dayton  
B.A.

Brian Young Miller, Akron  
B.A. (College of Wooster)

James Stanley Miller, Ashland  
B.S. in Bus. Adm. (Wittenberg  
University)

John Robert Mohr, Hillsboro  
B.S.Bus.Adm.

Thomas Samuel Moore, Delaware  
B.A. (Miami University)

Edward William Morgan, Toledo  
B.A. (Denison University);  
M.B.A. (Indiana University)

William Andrew Morse,  
South Willoughby  
B.S. in Bus. Adm. (Miami University)

Steven Michael Nobil, Tiffin  
B.A. (Baldwin-Wallace College)

John Leslie Onesto, Canton  
B.S. in Bus. (Miami University)

Thomas Victor Orvis, Columbus  
B.A. (Wittenberg University)

William Michael Owens, Coshocton  
B.A.

Adrian Kenneth Panton,  
Jamaica, N. Y.  
B.A. (The American University)

Robert Monroe Parsons, Columbus  
B.A.

Robert Clair Paxton, II, Caldwell  
B.A.

Dennis Michael Perlberg,  
Jericho, N. Y.  
B.S. in Bus. Adm. (Boston  
University)

Richard Coy Pfeiffer, Jr., Columbus  
A.B. (Oberlin College)

Thomas Merle Phillips, Dublin  
B.I.E.

Thomas Edward Portsmouth,  
Middletown  
B.S.

John James Powers, III,  
Silver Spring, Md.  
B.A. (University of Maryland)

Alan Toby Radnor, Cleveland Heights  
B.A. (Kenyon College); M.S.

Beth Phelps Ray, Terre Haute, Ind.  
B.A. (Rice University)

Allan Mark Resnick,  
Cleveland Heights  
B.A.

Robert David Rinfret, Yonkers, N. Y.  
B.A. (Bethany College)

James Richard Rishel, Cincinnati  
A.B. (Ohio University)

Barry Rhys Robinson, Dover  
A.B. (Princeton University)

Jeffrey Steven Rock,  
Oklahoma City, Okla.  
B.A. (University of Oklahoma)

George Drew Rolston,  
St. Marys, W. Va.  
A.B. (West Virginia University)

James Murray Ronk, Fredericktown  
B.A. (Denison University)

Thomas Dudley Rooney, Akron  
B.B.A. (Ohio University)

Ronald Lee Rowland, Galena  
B.A. (Wittenberg University)

Jay Harmon Sanford, Columbus  
B.S.Ed.

Charles Saunders, Jr., Columbus  
B.S.Bus.Adm.

Philip Scott Schaefer, Columbus  
A.B. (Wilmington College)

James Mark Schottenstein, Columbus  
B.B.A. (University of Wisconsin)

Kurt Lee Schultz, Chicago, Ill.  
B.S. (University of Pennsylvania)

Robert Vincent Secrist, Jr.,  
Bay Village  
B.A.

Edward McKinley Shields, Columbus  
B.A.

Thomas Wayne Simms,  
Skaneateles, N. Y.  
B.S.

Stephen Lloyd Smith, Beaverdam  
B.A.

Thomas Edward Smith, South Euclid  
A.B. (University of Detroit)

Todd Lawrence Smith, North Canton  
B.S. in Bus. Adm. (Bowling Green  
State University)

Gary Edward Snyder, Dayton  
B.S.Bus.Adm.

## College of Medicine

Dean: John A. Prior, M.D.

Larry Michael Solove, Columbus  
B.S.Bus.Adm.

Kenneth Jerome Spicer, Willoughby  
B.A.

Jean Ann Staudt, Akron  
B.S.Bus.Adm.

Dennis Edward Stegner, Fairborn  
B.A. (Wittenberg University)

Eric Randall Steiner, Akron  
A.B. (Ohio University)

Gerald Alan Stimmel, Kettering  
B.A.

Roger Ray Stinchart, Lima  
B.S. in Bus. Adm. (Bowling Green  
State University)

Meredith Blake Stone, Wellington  
B.S.Bus.Adm.

William Jeffrey Tully, Medina  
B.A. (Bowling Green State  
University)

Grant Lee Wadsworth, Dayton  
B.S.Bus.Adm.

Robert John Walter, Cleveland  
B.A. (Miami University)

Robert Craig Witzel, Upper Sandusky  
B.B.A. (Ohio University)

Joel David Worshil, Toledo  
B.B.A. (University of Toledo)

James Edward Young, Mentor  
B.B.A. (Ohio University)

John Wolcott Zeiger, Tallmadge  
B.S.Bus.Adm.

Stephen Howard Zimmerman,  
Fremont  
B.A. (Thiel College)

Larry Robert Zingarelli, Columbus  
B.A. (Otterbein College)

### Doctor of Medicine

One hundred and forty-seven candidates

Leslie Franklin Aiello,  
North Royalton  
B.S. (Otterbein College)

Robert Alan Albus,  
Staten Island, N. Y.  
B.S. (Polytechnic Institute of  
Brooklyn)

James Leslie Andersen, Avon Lake  
B.A. (Ohio Wesleyan University)

Robert Milton Augspurger, Columbus  
B.S.Ed.

Thomas Michael Bashore, Paulding  
A.B. (Miami University)

Albert Eugene Becker, Jr., Dayton  
B.A.

Richard Herman Boye, Struthers  
A.B. (Oberlin College)

Frederick David Brown, Columbus  
B.S.

Dennis Everett Brunskill,  
Milford Center  
B.S.

Dennis Lloyd Burech, Bellaire  
A.B. (Oberlin College)

Lynn Clayton Burroughs, Metamora  
B.S. (Ohio Northern University)

Everett Martin Bush, Boardman  
B.S. (Westminster College)

William John Byrne, South Euclid  
B.A. (Ohio Wesleyan University)

Richard John Candela, Ashtabula  
B.S.

Daniel William Carlson, Columbus  
B.S.

Gerald Anthony Cichocki, Toledo  
B.S. (University of Toledo)

Robert Wesley Clark, Jr., Rocky River  
B.S. (John Carroll University)

Stanley Allen Cohen, Columbus  
A.B. (Case Western Reserve  
University)

Steven Howard Cohen, Akron  
B.S. (University of Akron)

Carl Michael Curtiss, Bellville  
B.A. (Wittenberg University)

Hyatt Peter DeGreen, Chagrin Falls  
B.A. (Ohio Wesleyan University)

Andrew DiBartolomeo, Cleveland  
B.S. (University of Dayton)

Nino DiIullo, Youngstown  
B.A. (Youngstown State University)

Ann Marie Diller, Orrville  
B.A. (Bluffton College)

Jack Brian Dingle, Cleveland  
B.A. (Albion College)

Constance Strait Donley, Ashland  
B.S. (Marymount College,  
Tarrytown-on-Hudson)

Thomas Stanley Edwards,  
North Canton  
B.S.

Donald Thomas Evert, Brecksville  
B.S.

Joseph Wayne Fay, Barberton  
B.A. (College of Wooster)

Richard Reid Felix, North Lawrence  
B.S.

William Richard Finch, Warren  
B.A. (Hiram College)

Barry Lynn Fisher, Uhrichsville  
B.S. (Kent State University)

William Alan Flignor, Lorain  
B.S.

David Andrew Floering, Toledo  
A.B. (Western Reserve University)

John Michael Foster, Port Clinton  
B.S.

Irwin Samuel Fox, Columbus  
B.S.

James Philip Fox, Kenton  
B.S. (Ohio Northern University)

Robert Emmet Frank, Columbus  
B.S.

Barry Marvin Friedman, Lorain  
A.B. (Miami University)

Donald Edmund Fry, Marion  
B.S.

Thomas Edward Furlong, Parma  
B.A. (University of Notre Dame)

William Joseph Geiger, Delaware  
B.S.

James Arthur Gels, St. Henry  
A.B. (Miami University)

Charles Anthony Gerace, Jr.,  
East Liverpool  
B.S. (Duquesne University)

James Paul Giffried, Wilton, Conn.  
B.S. (Marquette University)

Thomas Joseph Goodenow, Columbus  
B.S. (University of Notre Dame)

Garry Alan Gosky, Lakewood A.B. (Adelbert College of Case Western Reserve University)	Carl Arnold Krantz, Jr., Massillon B.A. (Saint Vincent College)	Richard Alexander Maxwell, Marion B.A. (College of Wooster)
William Roger Gramlich, Kenton A.B. (Miami University)	James Michael Krause, Bedford Heights B.S.	Robert Charles McClusky, Cuyahoga Falls B.A. (Miami University)
Jeffrey Louis Gross, Akron B.S.	Karen Biehl Krueger, Cleveland B.S.	Charles Michael McCool, Shadyside B.S.
Russell Haynes Hackett, III, Salem B.A. (Ohio Wesleyan University)	John Burkey Krupko, McDonald B.S.	Lawrence Ralph McCormack, Lyndhurst B.A. (College of Wooster)
James Keith Hall, Lafayette B.S. (Heidelberg College)	Ronald Edward Kuseski, Pataskala B.S.	Philip John Mika, Youngstown B.S. (University of Notre Dame)
Richard Norman Hansen, Lorain B.A. (College of Wooster)	James Edward Lalak, Euclid A.B. (Case Western Reserve University)	Eli Jerry Miller, Columbus A.B. (Miami University)
Patricia Weians Hanson, Columbus B.A. (College of Saint Mary of the Springs)	John Navin Larrimer, Columbus A.B. (Princeton University)	Kenneth Gregory Morris, Elyria B.A.
Alan Kramer Hatfield, Chagrin Falls A.B. (Wabash College)	Thomas Dale LeGalley, Bowling Green B.S.	Barbara Elizabeth Moser, Fishkill, N. Y. B.S. (Pennsylvania State University)
Robert Lynn Heilman, Columbus B.S. (Capital University)	Wynne Vinson Elwood LeGrow, Coshocton B.S.	Thomas William Oates, Kenton B.S.
Robert William Henderson, Jr., Rocky River B.S.	John Robert Leibach, Sandusky B.A. (Ohio Wesleyan University)	Vincent John O'Brien, Jr., Cleveland B.S. (Wheeling College)
Fred Stanley Hirsh, South Euclid B.S.	Lawrence Alan Levine, Wooster B.S.	Michael Anthony Oddi, Columbus B.A.
Ronald Eugene Hodges, Marion B.S.	Edward Mark Lichten, Akron B.S. (University of Akron)	Linda Ann Parenti, Akron B.S. (University of Akron)
David Lewis Hunter, North Olmsted A.B. (Kenyon College)	Joel Edward Lichtenstein, Granville B.E.E. (Cornell University); M.S.	Stephen Fellman Pariser, Columbus B.S.
Daniel Garner Jackson, Columbus B.A. (Miami University)	Craig Bradford Liden, Toledo B.S. (University of Michigan)	Robert Perelman, University Heights B.A. (Washington and Jefferson College)
Robert Paul Jacobson, Canton B.S.	Jerry Lee Lugger, Columbus B.S. (Denison University)	David Willard Phelps, Akron B.S. (University of Akron)
Richard Allen Janovsky, Parma B.S.	William Allen Lukeman, Akron B.S. (University of Akron)	Russell James Pischinger, Parma B.S. (Arizona State University)
Kevin Martin Kane, Cleveland B.S. (John Carroll University)	Daniel Bruce Magilavy, Akron A.B. (Washington University)	Michael Daniel Reuter, Columbus B.S.
Dennis Lawrence Karsh, Toledo A.B. (Oberlin College)	James Robert Magnussen, Gallipolis B.S. (Purdue University)	Delphis Coleman Richardson, Anna B.S.
James Walter Kazura, Parma Heights A.B. (Washington University)	Ralph Michael Mancini, Canton B.S.	Richard Melvin Riedy, New London B.S.
Joel Benner Keats, Marietta B.S. (Louisiana Polytechnic Institute)	Martin Lee Mandel, Cleveland Heights A.B. (Miami University)	David Earnest Roberts, Reesville A.B. (Miami University)
William Francis Ketterer, North Canton B.S. (John Carroll University)	Alan Harvey Marx, Youngstown A.B. (Miami University)	Duane Clinton Roe, Toledo B.S. (University of Toledo)
Paul Raymond Knight, Lorain B.S. (Ohio University)	Richard Alan Matthews, Dayton B.A. (Indiana University)	Morry Leon Rotenberg, Cleveland B.S.
Robert William Kottman, Columbus B.S.	Richard Harold Mauk, Toledo B.S. (Xavier University)	John Marvin Rower, Findlay B.S. (Bowling Green State University)

Michael Steven Sabback, Columbus  
B.E.E.

William Bradley Salt, II, Columbus  
B.A.

Thomas LeRoy Satrom, Kent  
B.S. (Kent State University)

Thomas Edward Schmitt,  
Cuyahoga Falls  
B.S. (University of Dayton)

George Raymond Schuerger, Lakewood  
B.M.E. (University of Virginia)

Richard Lee Shaffer, Wauseon  
B.S.

Marvin DeCosta Shie, III, Westlake  
B.A. (College of Wooster)

Frederick Michael Smeltzer, Columbus  
B.S.

Edward Wilson Paul Smith, Medina  
B.S. (Mount Saint Mary's College,  
Maryland)

Gary Lee Snyder, Dayton  
B.S. (University of Dayton)

Gerald Mark Spector, Youngstown  
B.A.

John McNaugher Stang, Wooster  
B.S. Muskingum College)

Alan Louis Sterling, Columbus  
B.S.

James Craigmiles Strafford,  
Portsmouth  
B.S. (Ohio University)

Rebecca Louise Terrell Strafford,  
New Vienna  
B.S. (Ohio University)

James Byron Talmage, Rocky River  
B.S.

Larry Richard Thomas, Findlay  
B.S.

David Herron Thompson, Canton  
B.S. (University of Miami)

Michael Joseph Tomcik, Columbus  
B.S.

Nancy Marie Trhlik, Chagrin Falls  
B.A. (Hiram College)

Blair Dale Vermilion, Newark  
A.B. (Miami University)

John Henry Viall, Chagrin Falls  
A.B. (Miami University)

Frederick William Walker, Toledo  
B.S. (Bowling Green State  
University)

Patrick Michael Wall, Maple Heights  
A.B. (Northwestern University)

Joseph Charles Ward, Lakewood  
A.B. (Colgate University)

Penelope Ruth Warren, Marietta  
A.B. (Marietta College)

Howard Bruce Weinblatt, Toledo  
A.B. (University of Michigan)

David Anthony Westbrook, Dayton  
B.S. (University of Dayton)

Gary Brian Williams, Akron  
B.S. (University of Akron)

William Byron Zipf, Kettering  
B.A. (Denison University)

Kenneth Stuart Zuckerman, Columbus  
B.S. (University of Michigan)

John Lawrence Zumrick, Jr.,  
Youngstown  
B.S.

## School of Allied Medical Professions

### Bachelor of Science in Allied Health Professions

#### Eighty-one candidates

Jean Ann Addington, Poland  
Christine Marie Anders,  
Bowling Green

Philip Duane Beckley, McDonald  
Carol Marie Bergmueller,  
Ridgefield, Conn.

Anne Biegacz, Canton  
Diane Elaine Bowers,  
New Castle, Pa.

Bernard Richard Bowersox, Xenia  
Donna Marie Boyd, Euclid

Devon Jo Bucher, Bluffton,  
Frances Marie Carano, Campbell  
Shelley Louise Carlson,  
Richmond Heights

Carol Lintern Christy, Wooster  
Vickie Diane Christy, Amanda

Mary Ann Connors,  
Broadview Heights

Betty Henning Craft, Hamilton  
Constance Marie Curtin, Columbus

Donna Eileen Damore, Youngstown  
Albert Seward Dearing, Columbus

Gwen Lee Demshok, Lakeside  
Dale Campbell Deubler, Newton, Pa.

Kathleen Leger Devine,  
North Olmsted

Marcia Eileen Fernandez, Louisville  
John Thomas Frazier, Anderson, Ind.

Shelley Mador Friedland,  
Plainview, N. Y.

Deborah Kay Fugate, Greenfield  
Susan Caryl Godson, Madison

Suzanne Lynn Grace, Columbus  
Jane Atkinson Gromelski, Lima  
B.A.

Joy Kay Harris, Zanesville  
Catherine Leona Hermon, McComh

Diana Malott Hobe, Dennison  
Thomas Howard Hohman, Cincinnati

Helen Ruth Holub, Brook Park  
Michael Wayne Hotz, Cleveland

Patricia Ellen Hudson, Maple Heights  
Cora Tyson Huitt, Glenshaw, Pa.

Gloria Jean Jenkins, Dayton  
Marita Kay Johnson, Columbus

Patricia Ann Kane, Akron  
Michael Thomas Klapheke,  
Middletown

Kathryn Ann Koch, Bay Village  
Kathleen Eichholz Koury, Lorain

Diane Waltz Kreutzberg, Lititz, Pa.  
Jeffrey Roland Kreutzberg,  
Cleveland

Diana Jane Krieger, Toledo  
Melody Phillips Krueger, Mentor

Nancy Jane Latimer, Shiloh  
Michele Gail Lefton,  
University Heights

Sarah Elizabeth Lewis, Monroe  
Mary Elizabeth MacKnight,  
Cincinnati

James Thomas Maier, Massillon  
Karen Lee Masterson, Leavittsburg

Margaret Dorrine Matthews,  
Ashtabula

Patricia Bianco McCowin,  
Cuyahoga Falls

Robert Scott McLaughlin, Peru, Ind.  
Ronald Wade McLean, Ashtabula

Stephen Grant Moon, Bexley  
Sylvia Schilling Nesser, Columbus

Jill Newman, Miramar, Fla.  
Leslie Jean Palmer, Fairborn

Frances Elizabeth Preidis, Columbus  
Mary Crutchfield Raterman,  
Flint, Mich.

Mark Francis Reynolds, Columbus  
Susan Alice Richter, Canfield

Ann Kikli, Columbia, Mo.  
Christina Cantlon Root, Columbus

Paula Sue Ruley, Uniontown  
Susan Ann Schroeder, Elyria  
Margaret Ann Skuban, Independence



Susan Jane Sliman, Canton  
Marion Dane Smith, West Lafayette  
Renate Elizabeth Sturtz, Fairfield  
Mary Elizabeth Tann, Hamilton  
Bridget Mary Tobin, East Liverpool  
Margaret Sue VanFossen, Columbus  
Deborah Ann Waidner, Columbus  
James Elroy Walker, Louisville  
Constance Sally Watjen,  
Oradell, N. J.  
Pamela Ruth West, Dublin  
Susan Catherine Wright,  
Newtown Square, Pa.  
Melinda Reams Young, Zanesfield

**Bachelor of Science in  
Medical Dietetics**

Six candidates

Connie Downs Brantley, Williamsport  
Adrienne Rochelle Harris,  
Roslyn Heights  
Robert Paul Heisler, Syracuse, N. Y.  
Margaret Sue Maybin, Barborton  
Pauline Pui-Ling Wong,  
Kowloon, Hong Kong  
MaryJo Kurko Zeek, Martins Ferry

**Bachelor of Science in  
Medical Technology**

Three candidates

Cheryl Rimer Cook, Lima  
Candy Johnson Greenup, Newark  
Vera Terec, Parma

**Certificate of Nurse Anesthetist**

One candidate

Karen Marie Rosenberry, Columbus  
B.S.Nurs.

**Certificate of Post Baccalaureate  
Circulation Technologist**

One candidate

Robert Michael Keenan, Steubenville  
B.S.

**School of Nursing**

**Bachelor of Science in Nursing**

Seventy-seven candidates

Dianne Eileen Amstutz, Pandora  
Beverly Jean Barker,  
St. Albans, W. Va.  
Diane Rae Beer, Cincinnati  
Judith Kathryn Bell, Hebron  
Kathleen Mary Berger, Versailles  
Kathleen Griffith Bock, Columbus  
Beverly Ann Bowers, Hudson  
Suzanne Brunner, Duncannon, Pa.  
Pamela Marie Bupp, Wooster  
Florence Irene Burke, St. Marys  
Virginia Loa Bush, Rochester, Minn.  
Sharon Jean Bushong, Dunkirk  
Margaret Kirkland Clay,  
Worthington  
Cheryl Lee Cotterman, Wauseon  
Christy Batteiger Daffler, Columbus  
Linda Catherine Drabek,  
Chula Vista, Calif.  
Barbara Ann Edwards,  
Fairview Park  
Renee Carol Euchner, Avon Lake  
Toni Ferguson, Versailles  
Victory Ann Fisher, Chillicothe  
Susan Kay Frazier, Gallipolis  
Christine Louise Gallenstein,  
Cincinnati  
Marsha Taylor Gorman, Springfield  
Cheryl Ann Gutzeit, Huron  
Patty Meadows Hammer,  
South Charleston, W. Va.  
Rebecca Joseph Hartman, Utica  
Marcia Bagent Hern, Cincinnati  
Martha Wright Hill, Columbus  
Sara Jane Hill, Fairport Harbor  
Charlene Crowe Houser, Canfield  
Katherine VonHolten Howe,  
Columbus  
Caroline Jean Keller, Olmsted Twp.  
Kathleen Ann Laird, Columbus  
Constance Ann Lake, Youngstown  
Gloria Lauderdale, Columbus  
Pamela Palmer Lepore,  
Little Silver, N. J.  
Catherine VanCuren Luggner,  
Reynoldsburg  
Velma Dale Lyon, Columbus  
Karen Sue Maddex, Columbus  
Anita Louise Martin, Hebron  
Christine Marie May, Sandusky  
Susan Meckstroth, Columbus  
Jennifer Lynn Menchini, Pomeroy

Sara Jane Mercer, New Philadelphia  
Melanie Mary Millisor, Marion  
Linda Holdt Moore, Cleveland  
Evelyn Buck Morgan, Reynoldsburg  
Diane Sue Mossbarger, Frankfort  
Beverly Ann Nicholson, Zanesville  
Mary Ann Patrice Noga, Parma  
Susan Groves O'Malley, Hilliard  
Sherry Lynn Petersilge, Newark  
Trudy Elaine Pfeil, Newton Falls  
Mary Louise Ralph, Fairview Park  
Paula Joanne Riesenber, Reading  
Carol Saville, Pittsburgh, Pa.  
Pamela Margaret Schmitt,  
Bethel Park, Pa.  
Sister M. Francis Scholl,  
Rochester, Minn.  
Diane Marie Schwede, Fairview Park  
Sharon Jill Sces, West Lafayette  
Janet Ann Seibel, Sandusky  
Kathleen Ann Sexton, Brooklyn  
Jacquelyn Slomka, Toledo  
Susan Marie Springborn, Lakewood  
Kathryn Ann Taylor, Columbus  
Nancy Sterling Trimble, Mansfield  
Jane Lucille Trinter, Columbus  
Alice Louise Truex, Jerusalem  
Diane Landis Ventresca, Columbus  
Judith Adela Wallrath, Cleveland  
Rebecca Lea Webb, Dayton  
Paula Jean Wenger, Dayton  
Evelyn Kay West, Wilmington  
Beverly Joyce Wichmann,  
North Royalton  
Holly Lee Wilson, Niles  
Susan Margaret Wogisch,  
Chagrin Falls  
Barbara Marie Zingg, Cincinnati

## College of Optometry

Dean: Frederick W. Hebbard

### Doctor of Optometry

Forty-three candidates

Bruce Eugene Bachelder, Lexington  
 James Joseph Baietto, Kenosha, Wis.  
 Edward Coylson Beiter, Coshocton  
 Michael Bowers, Dayton  
 David Michael Burnett, Findlay  
 Howard Ellis Crane, Oak Park, Mich.  
 Frank Paul Dapore, Fairborn  
 Albert Raymond Defever, Jr.  
 Grosse Pointe Woods, Mich.  
 B.S. (Wayne State University); B.A.  
 Eli Dragisich, Weirton, W. Va.  
 B.S. (West Liberty State College)  
 Richard Allen Dreher, Marietta  
 B.S.  
 Lowell Craig Eicher, Sidney  
 Clyde Martin Fenton, Portsmouth  
 John Joseph Gardner, Chicago, Ill.  
 A.B. (Villanova University); B.S.  
 David Harold George, Fremont  
 B.A. (Wittenberg University); B.S.  
 Kenneth Robert Gilfillan, Chesterville  
 B.A. (Miami University)  
 \*Michael Howard Greenberg,  
 University Heights  
 B.S.  
 Ralph Frederick Gurney, Jr.,  
 Mercer, Pa.  
 Bruce Gordon Johnson,  
 Monroeville, Pa.  
 Dean Elliott King, Sacramento, Calif.  
 John Craig Kirkpatrick, Loudonville  
 Robert Joel Kohan, Kingston, N. Y.  
 Fred Jay Krieg,  
 North Miami Beach, Fla.  
 B.A. (Boston University); M.A.  
 (University of Massachusetts); M.S.  
 John Tucker Magill, Circleville  
 James Robert Mason, Cambridge  
 Jeffery Lynn Morehead, Wadsworth  
 B.S.  
 Leslie Michael Moro, Boca Raton, Fla.  
 Donald Ray Murphy, Akron

Bren Alden Myers,  
 Smith Center, Kan.  
 B.A. (Kansas Wesleyan University)

Walter Henry Oxley, Fremont  
 B.S. (Creighton University)

Charles William Paepke,  
 Oshkosh, Wis.  
 B.S.

Bruce Lawrence Rakusin, Akron

Stephen Stanley Richman,  
 Indian Harbor Beach, Fla.  
 B.S.

\*Steven LeMar Seward,  
 North Manchester, Ind.  
 A.B. (Knox College)

Kaleel James Shaheen, Canton  
 B.S.

Jack Anthony Sinnes, Miami, Fla.  
 B.S.

Frank Dale Tangeman, Coldwater

Michael Charles Tankovich,  
 Painesville

Richard Joseph Vesler, Akron  
 B.S. (Ohio University)

Michael Andrew Walby, Lakeside  
 B.S.

Don Kerne Weber, Beaver  
 B.S.

Raymond Lawrence Weiskind,  
 University Heights  
 B.A. (Case Western Reserve  
 University)

Douglas Mark Wilson, Rutland, Vt.

\*Wallace Howard Young, Fairfield  
 B.A. (Miami University)

## College of Pharmacy

Dean: Lloyd M. Parks

### Bachelor of Science in Pharmacy

Forty candidates

Sorej Kumari Aggarwal,  
 Nairobi, Kenya  
 Howard Norman Bockbrader,  
 Walbridge  
 Bonnie Gale Byrd, Bellefontaine  
 James Marc Davison, Toledo  
 Ronald Michael Figurski, Adena  
 William Berkeley Fisher, Marietta  
 Theodore Gavozzi, Youngstown  
 Robert Lee Hammond, McConnelsville  
 Mary Elizabeth Jaqua, Ravenna  
 Richard Benjamin Kauffman,  
 Columbus  
 Peggy Templeton King, Chesapeake  
 James Michael Lee, Worthington  
 Mary Ann Sherry Lemke, Toledo  
 Nathan Harry Levine,  
 Shaker Heights  
 Gregory Bruce Little, Columbus  
 Elizabeth Ann McCaw,  
 Cuyahoga Falls  
 Leonard Anthony Migliore, Jr.,  
 Delaware  
 B.S.  
 Douglas Allan Miller, Marion  
 Christine Cummins Murphy,  
 Columbus  
 Dennis Eugene Newland, Reedsville  
 Patrick Joseph O'Neill, Columbus  
 Venetia Spero Parthemos,  
 Youngstown  
 Susan Mary Pohlman, Vandalia  
 Gary Anthony Polcar,  
 North Royalton  
 Edward Harold Pugh, Columbus  
 Lucy Madonio Ribelin, Ravenna  
 Paul Verne Roller, Defiance  
 Betsy Lou Ross, Waynesburg

\* Also Master of Science, Graduate School

## College of Veterinary Medicine

Dean: Leslie E. McDonald

James Joseph Salzgeber, Cleveland  
George Philip Sasser, The Plains  
Robert Otto Schmoll, Middleport  
Rebecca Jane Shoemaker, Portsmouth  
Kathleen Canty Skau, Columbus  
Kenneth Joseph Solomon, Mayfield  
Larry James Vance, Gallipolis  
Martha Wilson Weinheimer, Marietta  
Martha Christine White, Galena  
Gary Lee Wolf, Columbus  
Donald Ellsworth Zabriskie, Jr.,  
Rocky River  
Joseph Allen Zelek, Adena

### Doctor of Veterinary Medicine

Eighty-six candidates

Ronald Charles Abrams, Cincinnati  
Clyde Harry Alloway, Jr., Belpre  
Steven Paul Arnoczky, Amherst  
Bruce Charles Bauersfeld, Cincinnati  
Andrew J. Beaulieu,  
Silver Spring, Md.  
A.B., B.S. (University of Miami)  
Elaine Kay Bender, Bellville  
Robert Coleman Bowers, Jr.,  
Wintersville  
B.S. Agr.  
Ann Wisloh Breznock, Storrs, Conn.  
B.S. (University of Connecticut)  
Virgil Joseph Brown, St. Marys  
Ronald John Budz, Seven Hills  
Robert Charles Burns Jr., Greenville  
Jerry James Burroughs, Metamora  
Richard Earl Burrows, Kettering  
B.S. (Otterbein College)  
Robert Dale Carey, New Vienna  
B.S. Agr.  
Edward Roy Cole, University Heights  
B.S. (University of Pittsburgh)  
Jane McGara Corrigan, Toledo  
A.B. (Indiana University)  
James Ronald Davidson,  
New Springfield  
Paul Franklin Deal, Kingwood, W. Va.  
Calvin Walter Edwards, Cincinnati  
David Glen Evans, Nelsonville  
James Ivan Fearer,  
Terra Alta, W. Va.  
B.S. Agr. (West Virginia University)  
Richard Banbury Ford, Brecksville  
B.S.Agr.  
Daniel Henry Fulk, Shiloh  
B.S.Agr.  
Gary Paul Garber, Strasburg  
B.A. (Wittenberg University)  
Kay Walter Gilpin, St. Marys, W. Va.  
B.S.Agr. (West Virginia University)  
James Douglas Goodfellow,  
Yellow Springs  
Judith Joy Greenamyer,  
Cuyahoga Falls

Robert Arthur Hanson, Miamisburg  
William Moore Haynes,  
Canal Winchester  
Ralph Edward Hecht, St. Marys  
Larry James Helzer, Whitehouse  
B.S.Agr.  
Terrence John Henahan, Dayton  
Jeffrey Lee Hess, West Milton  
B.S.Agr.  
Michael Leonard Horton, Dayton  
Casandria Harris Hurt,  
Compton, Calif.  
Robert Hunt Hutchison,  
West Alexander, Pa.  
B.S. (Pennsylvania State University)  
Robert Van Hutchison,  
North Ridgeville  
James Edward Kennerly, III, Akron  
Kerry Lynn Ketring, Fairborn  
\*Gary Martin Kinnison, Cedarville  
Floyd Douglas Kirby, Williamsburg  
Wayne Lowery Klepinger,  
Berlin, Wis.  
John Reid Kolehmainen, Jefferson  
Lawrence Conrad Lann, Cleveland  
Leonard Joseph Letendre,  
Tiverton, R.I.  
B.A. (Saint Francis College);  
M.S. (University of New Hampshire)  
Edward Donald Lokuch, Rittman  
B.S.Agr.  
Connie Jean Lumeyer, Stow  
Jack Leroy Lust, Bucyrus  
David Cook McGrew, Lucas  
E.S.Agr.  
Robert Dale McMillin, Lorain  
B.S.Agr.  
\*Lonnie Meeusen, Louisville  
Richard Wesley Meiring,  
Fort Recovery  
B.S.Agr.  
Myrna Morth Milani, Pittsburgh, Pa.  
B.S. (Capital University)  
Steven Charles Miller, Wilmington

\*Also Bachelor of Science in Agriculture,  
College of Agriculture and Home Economics

John Samuel Mitchell, Cadiz	Robert Allen Wickes, Euclid
Michael Eugene Mount, Tiffin B.S. (Utah State University)	Arden Allan Wiley, Strongsville
Harry Marshall Olson, Rockville, Conn. B.S. (Dickinson College)	Larry Robert Winters, Groveport
James Allen O'Neill, Columbus	
Gary Lynn Page, Shelby B.S.	
Kenneth Charles Patrick, Franklin	
John William Paul, Columbus B.S. (Rochester Institute of Technology)	
Neil Ivan Phillips, Cleveland B.S.Ed.	
Steven Allen Phillips, Athens	
Mark Poston, Tipp City	
Robert Alan Randall, Independence	
Robert Kerr Reynolds, Grove City, Pa.	
Donald Michael Rings, Amlin	
Ray Donald Ruhrmund, Cincinnati A.B. (Miami University) ; B.S.Agr.	
Mark Lee Runkle, Sidney	
Howard Gerald Rush, Cleveland Heights	
Mark Alan Rutman, Cleveland	
Ann Grove Samsell, Charleston, W. Va.	
David Hudson Schmidt, Carey B.S., M.S.	
Ronald Walter Schmidtke, Cleveland B.S. (Colorado State University)	
Frederick Earl Scott, Columbus B.S.Agr.	
Norman Richard Slavik, II, Coldwater	
Richard Arthur Smolin, Las Vegas, Nev.	
John Nelson Stein, Lakewood B.S. (University of Miami)	
Ronald Elno Swartz, Massillon B.A. (Kent State University)	
James Russell Thoenig, Warren, N.J. B.S. (Rutgers-The State University)	
Michael Edward Turano, Ashtabula	
Dale Raymond Wegelin, Cincinnati B.A. (Miami University)	
Roger Earl Wells, Xenia	

## Graduates with Honors

### Summa Cum Laude

Michael Edward Arlin, Lima  
 William Harry Arnold, Worthington  
 Janet Lynn Bashor, Columbus  
 Esther Beachy, Plain City  
 Mary Jane Blawut, Adena  
 Carmen Poinier Buckalew, Columbus  
 Charles Anthony Bueining, Jr., Columbus  
 Molly Heilman Calhoun, Columbus  
 Robert Wesley Clark, Jr., Rocky River  
 Mary Catherine Clucus, Columbus  
 Linda Susan Coffey, Washington C.H.  
 Thomas P. Cribbs, III, Apollo, Pa.  
 Timothy Ryan Crichfield, Troy  
 Richard Russell Daniel, Bradford  
 Karen Mertz Dearbaugh, Columbus  
 Bonnie Lou Dixon, Columbus  
 Suzanne Givin Duncan, Columbus  
 Pamela Little Durrett, Columbus  
 Bonnie Jane Dye, New Matamoras  
 Barbara Ann Edwards, Fairview Park  
 David Mitchell Edwards, East Canton  
 James Roger Fahrback, Columbus  
 Deborah Anne Franck, Columbus  
 Paula Gifford Freshwater, Columbus  
 Bernard Michael Frye, Hamilton  
 David Allen Gradwohl, Columbus  
 Diana Jean Grandstaff, Columbus  
 Jacqueline Denese Grazak, Strongsville  
 Charlotte Gyllenhaal, Bay Village  
 Elaine Hartman, University Heights  
 Marianna Crips Hartman, Mansfield  
 Ronda Rae Hathaway, Fredericktown  
 Charlotte Jean Blount Henneberger, Lacona, N.Y.  
 Deborah Ann Herdman, Findlay  
 James Michael Highsmith, Mt. Carmel, Ill.  
 Linda Seghers Hoffman, Columbus  
 Jimmie Lee Huitt, Jr., London, England  
 Allen Louis Huneke, Eaton  
 Carol Jean Hymen, Mayfield Heights  
 Margaret Davis Johnson, Lima  
 Thomas Francis Johnson, Worthington  
 Sherryll Meeker Jones, Canfield  
 George Oliver Karasievich, Cincinnati  
 Dennis Lawrence Karsh, Toledo  
 Jane Cecelia Keller, Parma  
 Diane Joyce Kessler, Columbus  
 Paula Elizabeth Kiffner, Mansfield  
 Stephen Otis Kilmer, Huron  
 Thomas Harry Lagos, Springfield  
 Timothy K. Layman, Altamonte Springs, Fla.  
 Doane Wing Lee, Columbus  
 Carol Giaque Lewis, Marion  
 Betty Boston Lishka, Columbus  
 Jane Elizabeth Logan, Mt. Gilead  
 Linda Louise Loose, Grove City  
 Michael Patrick Mahoney, Columbus

Benjamin Gaylord Maiden, Columbus  
 Randolph Eric Maier, Columbus  
 Susan Deardoff Markey, Columbus  
 Rhodena Forman Masys, Morehead, Ky.  
 Steven Arthur McClaren, Columbus  
 Leon Marshall McCorkle, Jr., Waldo  
 Nicholas Ray McCoy, Columbus  
 Jeffrey Owen Miller, South Euclid  
 Evelyn Buck Morgan, Reynoldsburg  
 Thomas Samuel Moore, Delaware  
 Valerie Anne Mourad, Columbus  
 Anne Victoria Neff, Cleveland  
 Alice Neiswander, Ada  
 Karen Gall Newland, Heath  
 Margaret Anne Nussbaum, New Philadelphia  
 David Edward Orin, McDermott  
 Laurie Gilbert Oser, Columbus  
 Susan Lee Pansing, Kettering  
 James Duncan Pirie, Columbus  
 Stephen Davis Plymale, Hilliard  
 John James Powers, III, Silver Spring, Md.  
 Linda Rae Probasco, Zanesville  
 John Robert Raabe, Delphos  
 Paul Anthony Ricchetti, Jr., Cleveland  
 Paula Sue Roberts, Columbus  
 Rebecca Winner Roetgerman, Osgood  
 Marsha Blum Rosenberg, University Heights  
 Ronald Lee Rowland, Galena  
 Jeffrey Brian Sampsell, Westlake  
 Janet Wagner Sandor, Mansfield  
 Michael Alan Schuler, Columbus  
 Kurt Lee Schultz, Chicago, Ill.  
 Diane Marie Schwede, Fairview Park  
 Jack Eugene Scott, Mt. Vernon  
 Kathleen Ann Sexton, Brooklyn  
 Deborah Kay Shipley, Columbus  
 Robert Eugene Shroy, Findlay  
 Steven Sigalow, Akron  
 Bernadine Ann Soltis, Toledo  
 Frances Ann Sprouse, Gahanna  
 Jean Ann Staudt, Akron  
 Donald Ray Stickle, Columbus  
 James Byron Talmadge, Rocky River  
 Rebecca Ann Tryon, North Lawrence  
 Dale Jay Van Harlingen, Kettering  
 Susan Woodie Von Gruenigen, Columbus  
 Renate Langwald Voris, Columbus  
 Martha Wilson Weinheimer, Marietta  
 Scott Alan Wilkins, Sandusky  
 James Edward Young, Mentor  
 Janet Louise Young, Cuyahoga Falls  
 Richard Allen Yuresko, Barberton  
 John Wolcott Zeiger, Tallmadge  
 George Edward Zito, Wadsworth  
 Janice Elaine Zolman, Fredericktown

**Summa Cum Laude and with Distinction in Agricultural Economics**  
 Jane Ellen Vagasky, Euclid

**Summa Cum Laude and with Distinction in Animal Science**  
 David Russell Notter, Scotttown

**Summa Cum Laude and with Distinction in Chemistry**

Dorothy Ann Cichra, Cleveland  
 John Richard Girman, Hinckley  
 William John Greenlee, Columbus

**Summa Cum Laude and with Distinction in English**

Charles Marc Edelsberg, Shaker Heights

**Summa Cum Laude and with Distinction in History**

Richard Faull Hope, Oberlin

**Summa Cum Laude and with Distinction in Home Economics**

Joyce McLoney Billotte, Carrollton

**Summa Cum Laude and with Distinction in Microbiology**

Mary Catherine Kuhns, Hubbard

**Summa Cum Laude and with Distinction in Physics**

James Peter Long, Columbus

**Summa Cum Laude and with Distinction in Political Science**

Linda Taylor Fleischhauser, Columbus

**Summa Cum Laude and with Distinction in Psychology**

Terrance Anderson Filter, Brooklyn, Mich.  
 Catherine Rose Marshall, Amlin

### Cum Laude

Allen Vallooyd Adair, Mansfield  
 Robert Alan Albus, Staten Island, N. Y.  
 David Ralph Alexander, Warren  
 Jeffrey Ross Allen, Portsmouth  
 Thomas Craig Allmon, Carrollton  
 Hugh Russell Anderson, Rocky River  
 Glen Allen Archinal, Mineral City  
 Charles Richard Barcus, Alliance  
 David Edward Bassett, Lima  
 Cheryl Sue Beary, Mansfield  
 Andrew J. Beaulieu, Silver Spring, Md.  
 John Parrish Beavers, Worthington  
 Donald Richard Becker, Columbus  
 Jerome Frederick Beekman, Columbus  
 Joseph Paul Belline, Youngstown  
 Kathleen Mary Berger, Versailles  
 Nguyen Ngoc Bich, Saigon, South Viet Nam

Carmen Jenkins Bigus, Shelby  
 Gary Floyd Blemaster, Bedford  
 Susan Kay Bockrath, Dayton  
 John Jeffrey Bogniard, Ashland  
 Michael Dayton Bowers, Dayton  
 Ronald Kent Bowers, Greenville  
 Sarah Jane Bowman,  
   Schenectady, N. Y.  
 Thomas Edward Boyle, Columbus  
 Thomas Hugh Brennan, Shelby  
 Barbara Sue Brooks, Dayton  
 Virgil Joseph Brown, St. Marys  
 Everett Martin Bush, Boardman  
 Bonnie Gale Byrd, Bellefontaine  
 Mary Evelyn Cain, Patriot  
 James Eric Calhoun, Columbus  
 George Franklin Calloway, Cincinnati  
 Shelley Louise Carlson,  
   Richmond Heights  
 Denny Lloyd Carroll, Elyria  
 Michael Wesley Carroll, Cincinnati  
 Susan Linda Cave, Fredonia  
 Robert Jon Chappell, Jr., N. Olmsted  
 Carol Lintern Christy, Wooster  
 Gaynell Spech Cline, Lexington  
 Robert Alan Cochran, Van Wert  
 Sharon Joyce Comet, Beachwood  
 Mary Ann Connors, Broadview Hts.  
 Thomas James Conrad, Worthington  
 James Reynolds Cooper, Newark  
 John Frederick Copes, Springfield  
 Edward Charles Corbett, Cleveland  
 Gary James Crews, Pontiac, Mich.  
 Gary Lee Crosby, Van Wert  
 John Bartlett Crosby, Cincinnati  
 Tarie Marshall Curtiss, Columbus  
 Christy Batteiger Dafer, Columbus  
 Ruth Knight Dalezman, Columbus  
 Joseph Anthony Damico, Chillicothe  
 Bernard Robert Davis, Mansfield  
 Naomilee Finley Davis, Xenia  
 Robert Emerson Davis, Columbus  
 Robert Madison Day, Columbus  
 Kathleen Ford Dean,  
   Canal Winchester  
 Albert Seward Dearing, Columbus  
 Florence Gordon DeFrancisco,  
   Columbus  
 Craig Denmead, Columbus  
 Mark Eli Deutchman, Akron  
 Sharon Sue DeWees,  
   Washington C. H.  
 Pamela Beaver D'Huyvetter,  
   Columbus  
 Margaret Ellen Dixon, Columbus  
 Edward James Domsitz, Trotwood  
 Shelley Dunham, Toledo  
 Glenn George Durmann,  
   Farmingdale, N. Y.  
 Kay Fagt Egbert, Botkins  
 Sally Jean Eickholt, Sylvania  
 John Marshall Eufinger, Worthington  
 John Jay Evans, Elida  
 Larry Ray Evans, Columbus

Sanford Barry Fain, Lorain  
 David James Fallang, Dayton  
 Floyd Joseph Fantelli, Columbus  
 Mark Robert Farrell, Columbus  
 Richard Craig Farrin, Lakewood  
 Joseph Wayne Fay, Barberton  
 Barry Lynn Fisher, Uhrichsville  
 Gail Ellen Fisher, New Vienna  
 Kathleen Mary Fitzsimmons, Milford  
 Margaret Mary Flanagan, Columbus  
 Philip Doyle Flenner, Columbus  
 Nanette Marie Frazier, Grove City  
 Barry Marvin Friedman, Lorain  
 Jan Leslie Friedman,  
   Valley Stream, N. Y.  
 James Laurence Fullin, Columbus  
 Carol Fyssinger Gaskalla, Columbus  
 Rita Clark Gasser, Smithville  
 Katherine Kniskern Gecewich,  
   Willoughby  
 Roger Dale George, Marion  
 Alan Bruce Gest, Bronxville, N. Y.  
 Janet Faye Gick, West Chester  
 Lora Jane Glickman,  
   Cleveland Heights  
 Dean David Goldberg, Columbus  
 Donald Lewis Golden, Elmont, N. Y.  
 Spiros Emanuel Gonakis, Euclid  
 Thomas Henry Grace, Steubenville  
 Judith Elaine Green, Columbus  
 Michael Howard Greenberg,  
   University Heights  
 Eileen Marie Gress, Trotwood  
 Kathryn Ann Gulley, Harrison  
 Cheryl Ann Gutzeit, Huron  
 Deborah Ann Haap, Cincinnati  
 Marietta Welch Hague, Heath  
 Christine Bair Hainline,  
   Covina, Calif.  
 Michael Alan Hall, Vandalia  
 Steve David Halper, Cincinnati  
 James Robert Hand, Newark  
 Barbara Ann Harper, Cincinnati  
 Lee Bolon Harris, Chicago, Ill.  
 Michael William Hartshorn,  
   Lancaster  
 Alan Kramer Hatfield, Chagrin Falls  
 David Everett Hathaway, Cincinnati  
 Diane Duty Hathaway, Portsmouth  
 Kathy Hauer, Dublin  
 Deborah Jo Hawley, Columbus  
 Arnell Christina Hecker, Marion  
 Doris Ann Hemmelgarn, Worthington  
 Margaret Sabina Henry, Columbus  
 Fred Stabley Hirsh, South Euclid  
 Deborah Lynn Homzak, Columbus  
 Dennis Scott Hoobler, Delray  
 John Wilbur Hood, Detour, Md.  
 Robert Joseph Hopperton, Berea  
 Lynn Adair Hopkins, Columbus  
 Carolyn Elizabeth Hoppes, Parma  
 Robert John Howard, Jr., Parma  
 James Edward Hughes, Columbus  
 Daniel Garner Jackson, Columbus  
 Peter Marvin James, Warren

Eileen Marie Janssen, Worthington  
 Patsy Pierson Jenkins, Mt. Vernon  
 James Jay Johnson, Dearborn, Mich.  
 Maurya Walsh Johnson, Columbus  
 Thomas Francis Johnson,  
   Worthington  
 Michael Joseph Joyce, Columbus  
 James Raymond Kapel, Akron  
 Stuart Harvey Kaplow,  
   University Heights  
 William Hill Keating, Columbus  
 Diane Corinne Kemmerling, Canton  
 Deborah Ann Kemper, Cincinnati  
 Marie Louise Kevorkian,  
   Wellesley, Mass.  
 Stephen Warren King, Piqua  
 John Craig Kirkpatrick, Loudonville  
 Donn William Kirschenbaum,  
   Shaker Heights  
 Kathryn Ann Koch, Bay Village  
 Diane Waltz Kreutzberg, Lititz, Pa.  
 Richard Carl Kriger, Columbus  
 Kathryn McKenzie Krites,  
   Wapakoneta  
 Dale James Kruse, Parma  
 Robert Alan Kumin, Shaker Heights  
 Roger Ellis Kuseski, Columbus  
 Richard Allen Langley, Dayton  
 Patricia Ulrich Larrison, Columbus  
 James Michael Lee, Worthington  
 Gary Robert Leed, Columbus  
 Vicki Gardner LeFevre, Columbus  
 Michele Gail Lefton,  
   University Heights  
 Joel Edward Lichtenstein, Granville  
 Craig Bradford Liden, Toledo  
 Douglas Owen Lipp, Columbus  
 Cindy Lou Liston, Lakeview  
 Lawrence Robert Loeb,  
   Cleveland Heights  
 Dianne A. Long, North Olmsted  
 John Robert Lossman, Fairview  
 Walker Bruce Lowman, Columbus  
 John Robert Lowther, Ashtabula  
 Thomas Alan Lyon, Ravenna  
 Sandra Scarbrough Luster, Columbus  
 Mark Gayland Mangie, Youngstown  
 Charles F. Manning, Jr., Columbus  
 Janet Lynn Maryanski,  
   Cuyahoga Falls  
 George John Matthey, Steubenville  
 Daniel Michael Mayton, III, Hudson  
 Elizabeth Ann McCaw,  
   Cuyahoga Falls  
 Roger John McClure, Columbus  
 Dale Edgar McLean, Columbus  
 Robert Bruce McLoughlin, Columbus  
 Nancy Ann Medhurst, Worthington  
 George August Meier, III,  
   Wantagh, N. Y.  
 Lon Mendelsohn, Columbus  
 Elizabeth Ann Mergler, Dayton  
 Bruce Lee Miller, Sugarcreek  
 Elizabeth Emily Miller,  
   St. Petersburg, Fla.

John David Miller, Marietta  
 Laverne L. Miller, Hicksville  
 Edward Francis Mitzel, Youngstown  
 Thomas Earle Monroe, Magnolia  
 Bruce Edward Moon, Columbus  
 Antonia Maureen Moras, Columbus  
 Charles Raymond Morin, Jr.,  
 Columbus  
 William Andrew Morse,  
 South Willoughby  
 Elaine Furniss Morton, Waldo  
 Janet Suzanne Motter, Rawson  
 Karl Losse Mulvaney,  
 Indianapolis, Ind.  
 Vicki Lynn Nau, Columbus  
 Dorothy Stewart Newbill, Willard  
 John Eric Nolt, Massillon  
 Kathleen Sargeant Norris,  
 Monroeville  
 Thomas William Oates, Kenton  
 Kathleen Marie O'Brien, Columbus  
 Joanne Evans Oliver, Columbus  
 John Palmer, Philadelphia, Pa.  
 William Randolph Penland, Columbus  
 David Alfons Perdzock, Dayton  
 Dennis Michael Perlberg,  
 Jericho, N. Y.  
 Karen Elizabeth Pettus, Marysville  
 Patricia Ustick Pfeiffer, Columbus  
 Richard Coy Pfeiffer, Columbus  
 John Thomas Phelps, II, Zanesville  
 Melissa Geil Pintar, Miami, Fla.  
 Susan Mary Pohlman, Vandalia  
 Thomas Jon Poulton, Columbus  
 Clement Wayne Pyles, Bylesville  
 Alan Toby Radnor, Cleveland Heights  
 Catherine Randall, St. Albans, W. Va.  
 Harry Louis Rees, Woodsfield  
 Stephen Charles Reichley, Thornville  
 Jay C. Resnick, Cleveland  
 Barbara Sue Reynolds, Fairborn  
 Robert Kerr Reynolds, Grove City  
 Leonard Steven Rich,  
 New Philadelphia  
 Michael Anthony Richardson,  
 Strasburg  
 Susan Alice Richter, Canfield  
 Roger Phillip Rittenhouse, Hamilton  
 Regina Ann Ritz, Cleveland  
 Mark Alan Robb, Hinckley  
 Gary Donald Robinett, Miamisburg  
 Barry Rhys Robinson, Dover  
 Jeffrey Steven Rock,  
 Oklahoma City, Okla.  
 James Murray Ronk, Fredericktown  
 Yvonne Wilhelmine Rosmarin,  
 Columbus  
 Betsy Lou Ross, Waynesburg  
 Morry Leon Rotenberg, Cleveland  
 Janet Monnett Roth, Columbus  
 Katherine Marie Rotille, Akron  
 Gail Joan McCure Rusch, Columbus  
 Dean Carroll Rust, Eaton  
 Janet Wagner Sandor, Mansfield

Jay Harmon Sanford, Columbus  
 Marjorie Lucille Sanger, Orwell  
 Carol Saville, Pittsburgh, Pa.  
 Mary Ann Schaufert, Lancaster, Pa.  
 Ronald Eugene Schilb, Dayton  
 Sister M. Francis Scholl,  
 Rochester, Minn.  
 Virginia Cleveland Schmeltzer,  
 Twinsburg  
 David Hudson Schmidt, Carey  
 William Curtis Severns, Cambridge  
 Steven LeMar Seward,  
 North Manchester, Ind.  
 James Scott Sheehan, Columbus  
 John Robert Sheets, Gallipolis  
 Ann Elaine Sheldon, Bay Village  
 Jean Phillips Sherer, Tiro  
 Ann Wilda Showman, Columbus  
 David Carl Shultheis, Columbus  
 Susan Helence Silverman, Akron  
 David Michael Sinar, Akron  
 Sheryl Lynn Smilan, Lima  
 Alice Osburn Smith, Kenton  
 Barbara J. Smith, Springfield  
 Dale Bryan Smith, Springfield  
 Dale Leslie Smith, Latham  
 Dennis Arland Smith, Ashville  
 Marla Vogelaar Snider,  
 Fairview Park  
 Larry Michael Solove, Columbus  
 Kenneth Jerome Spicer, Willoughby  
 Mason Lewis Srole,  
 Silver Spring, Md.  
 John McNaugher Stang, Wooster  
 Jean Ann Staudt, Akron  
 Roger Ray Stinehart, Lima  
 Robert Daniel Strung, Westlake  
 Gloria Crotty Swanson, Columbus  
 Mary Elizabeth Tann, Hamilton  
 Linda Sue Teetor, Marion  
 Dennis Dunbar Terry, Nashua, N. H.  
 Maureen Kennedy Terry, Columbus  
 Linda Sue Teetor, Marion  
 David Allen Thompson, Reynoldsburg  
 Pamela Cutter Thompson, Columbus  
 Margaret Ann Thoms, Vermilion  
 Bridget Mary Tobin, East Liverpool  
 Okey Jennings Tolley, Jr., Columbus  
 Michael James Tomsic, Lockbourne  
 Sandra Lee Tosca, Ashville  
 Christina Toscani, Dayton  
 Charles Deebant Trexler, Columbus  
 Robert Curtis Turner, Maumee  
 John Anton Uhler, Broadview Heights  
 Daniel Janse VanAntwerp, Solon  
 Dennis Alan Vidmar,  
 Cleveland Heights  
 Nancy Cooke Vincent, Columbus  
 John David Waddell, Miamisburg  
 Charles Andrew Walter, Litchfield  
 Joseph Charles Ward, Lakewood  
 David Rush Watkins, Rushsylvania  
 Carl Sylvester Wehri, Cloverdale  
 Mary Elizabeth Weiler, Polk  
 Dennis Leslie Weinberger,  
 University Heights

Marilyn Lisle Welker, Columbus  
 Robert Edmund Wenzke, Dayton  
 Norma Gunning West, Lima  
 Douglas Alan Wetzel, Greenville  
 Dorothy Shambarger Widman,  
 Columbus  
 Joyce Renee Wilkin, Bellville  
 Mary Patrice Williams, Worthington  
 Penny Diane Winkle, Sagamore Hills  
 David Eugene Wolford, Clayton  
 Pauline Pui-Ling Wong,  
 Kowloon, Hong Kong  
 Joel Davis Worshtil, Toledo  
 Yvonne Rae Yerak, Willoughby  
 Jeffrey Earl Young, Columbus  
 Wallace Howard Young, Fairfield  
 Gary Yovan, Elyria  
 Beverly Jane Zahn, Lorain  
 MaryJo Kurko Zeek, Martins Ferry  
 James Dennis Zielinski,  
 Chicago, Ill.  
 Steven E. Zartman, Springfield

#### **Cum Laude and with Distinction in Agricultural Education**

Ervin Roger Pickering,  
 Speedway, Ind.  
 Thomas Joseph Rosenbeck, St. Henry

#### **Cum Laude and with Distinction in Agronomy**

Scott Walter Rowe, Homerville

#### **Cum Laude and with Distinction in Anthropology**

Daniel Michael Beal, Brecksville  
 Ann Neuser Kozlowski, Columbus

#### **Cum Laude and with Distinction in Computer and Information Science**

James Peter Ricciardi, Hillsdale, N. J.

#### **Cum Laude and with Distinction in English**

Mark William Catalano, Norwalk  
 John Kijinski, Columbus

#### **Cum Laude and with Distinction in History**

Gary Stuart Glazer,  
 University Heights  
 Donald Ledford McElwee, Dayton  
 Susan Shuttleworth Shumaker,  
 Pittsburgh, Pa.

#### **Cum Laude and with Distinction in Home Economics**

Nancy Sue Glenn, Ashland

#### **Cum Laude and with Distinction in Horticulture**

Craig Edward Allen, Bellaire

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